Florida Building Code 7th Edition (2020)

Ultimate Design Wind Speeds, V^{ult}, For Risk Category IV Buildings and Other Structures [Figure 1609.3(3)] By County

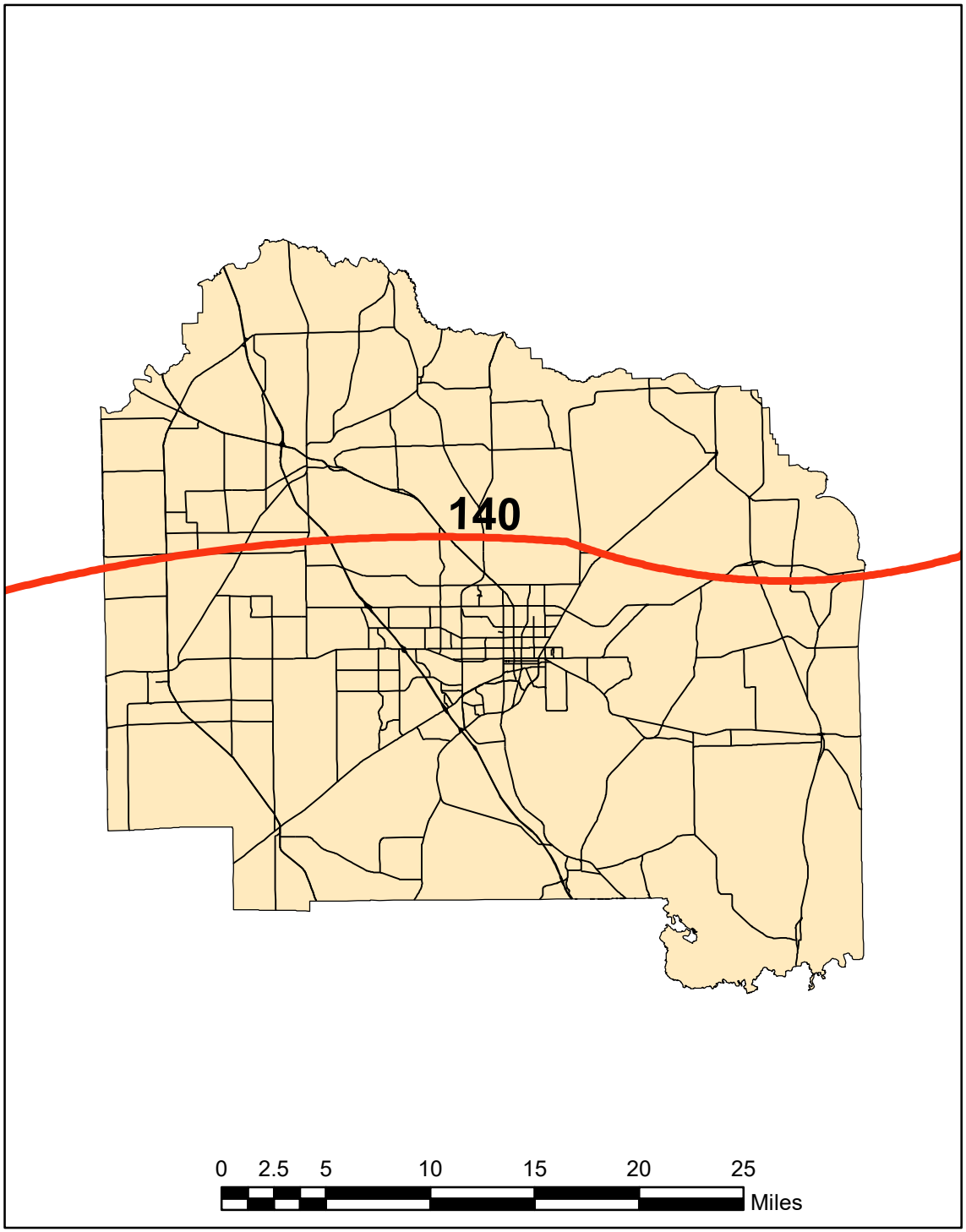
Effective Date 12/31/2020

Wind Speed line work based on 3,000 Year Risk Category IV Map in ASCE 7-16

with State of Florida specific modifications to the Big Bend Region

ALACHUA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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WIND-BORNE DEBRIS REGION. Areas within hurricane- prone regions located:
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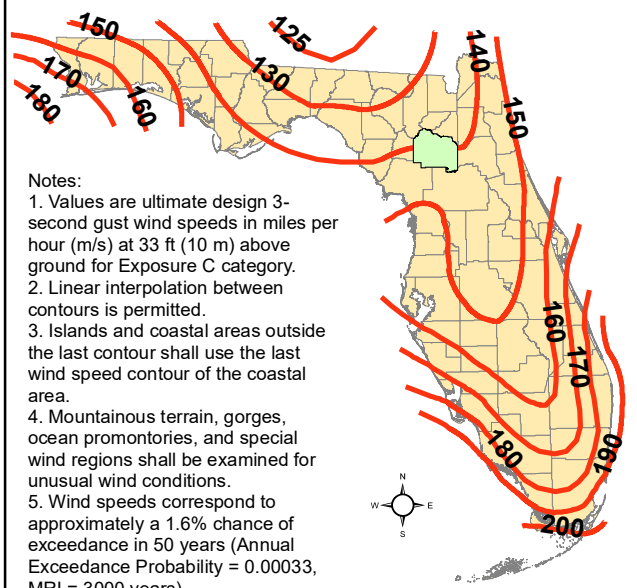
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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BAKER

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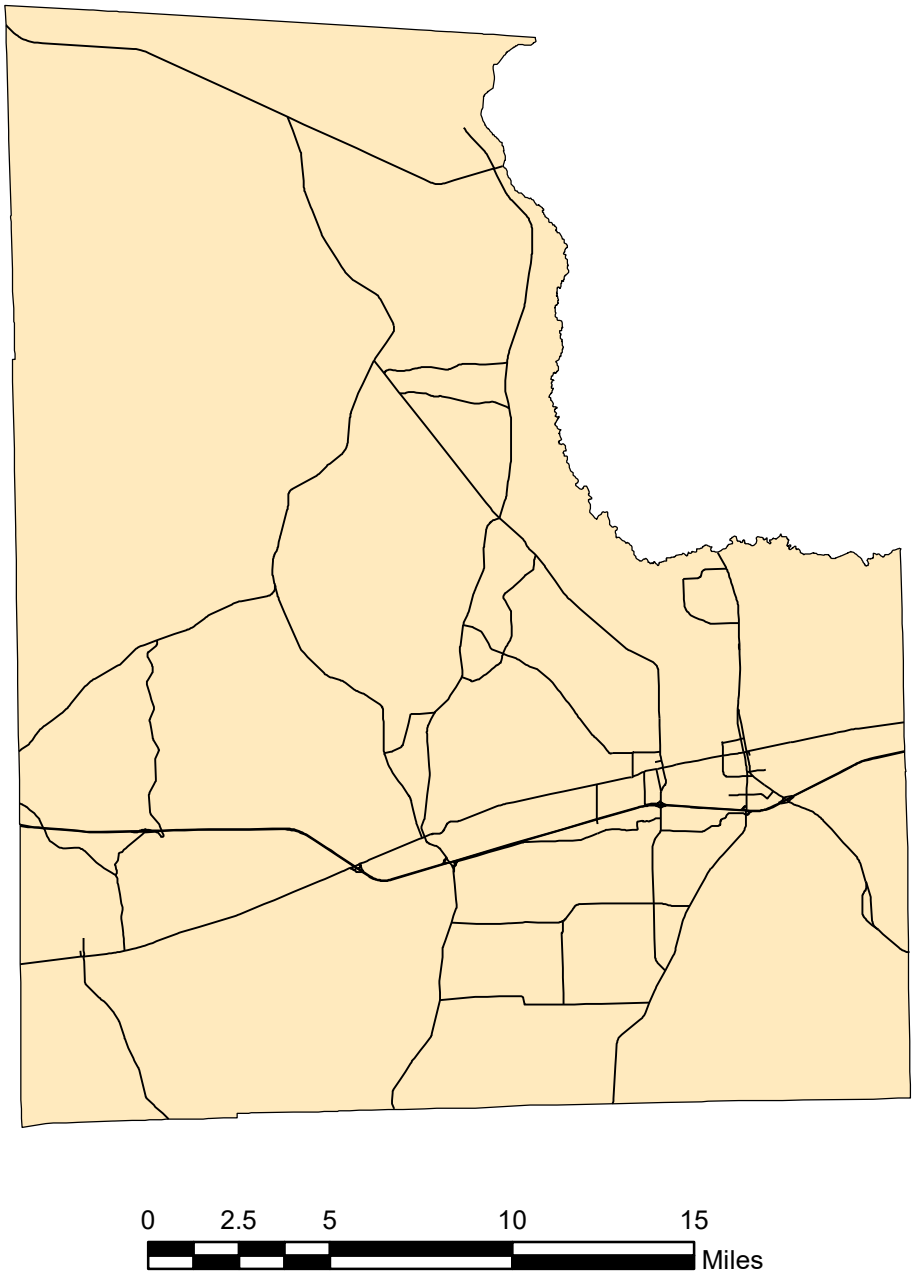

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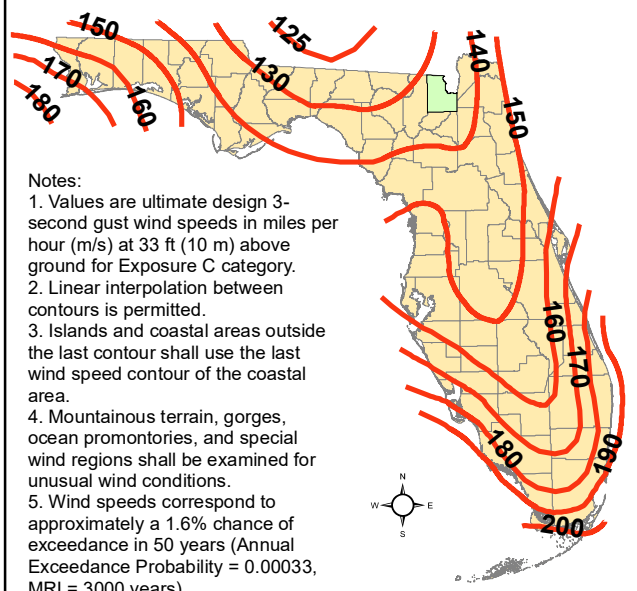

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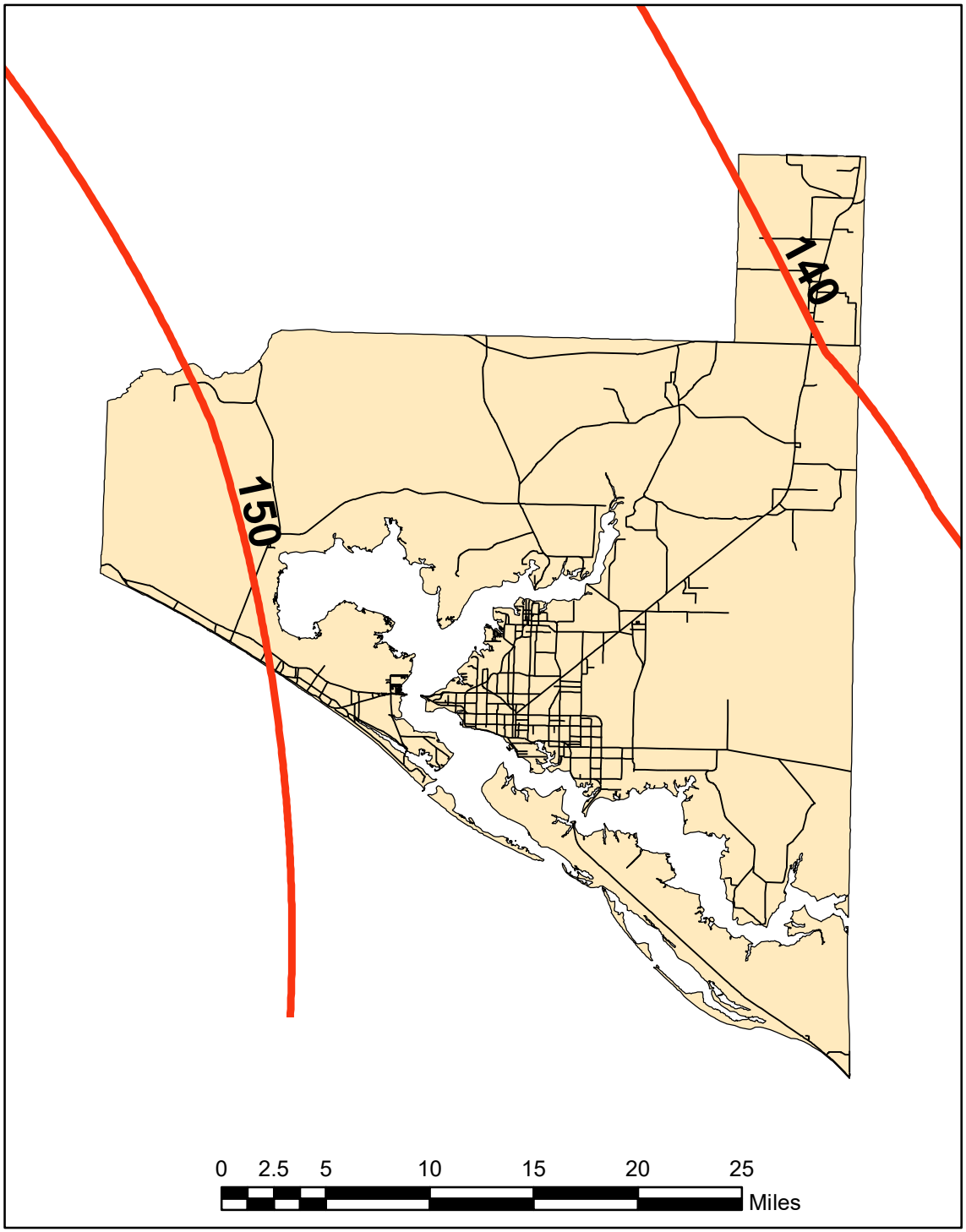

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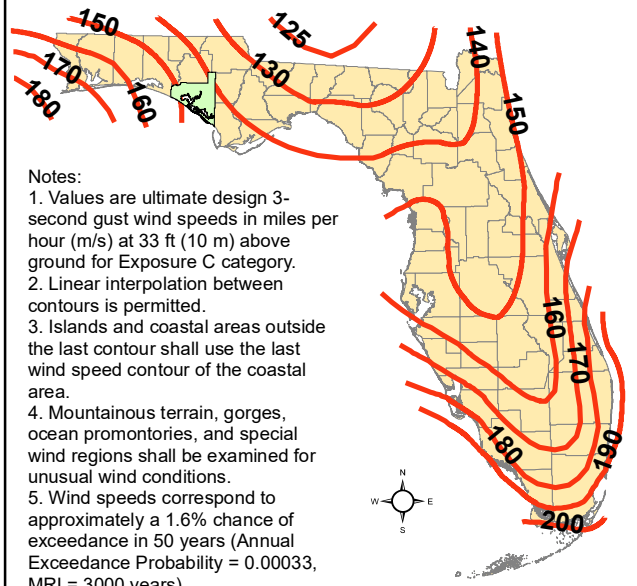

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BRADFORD

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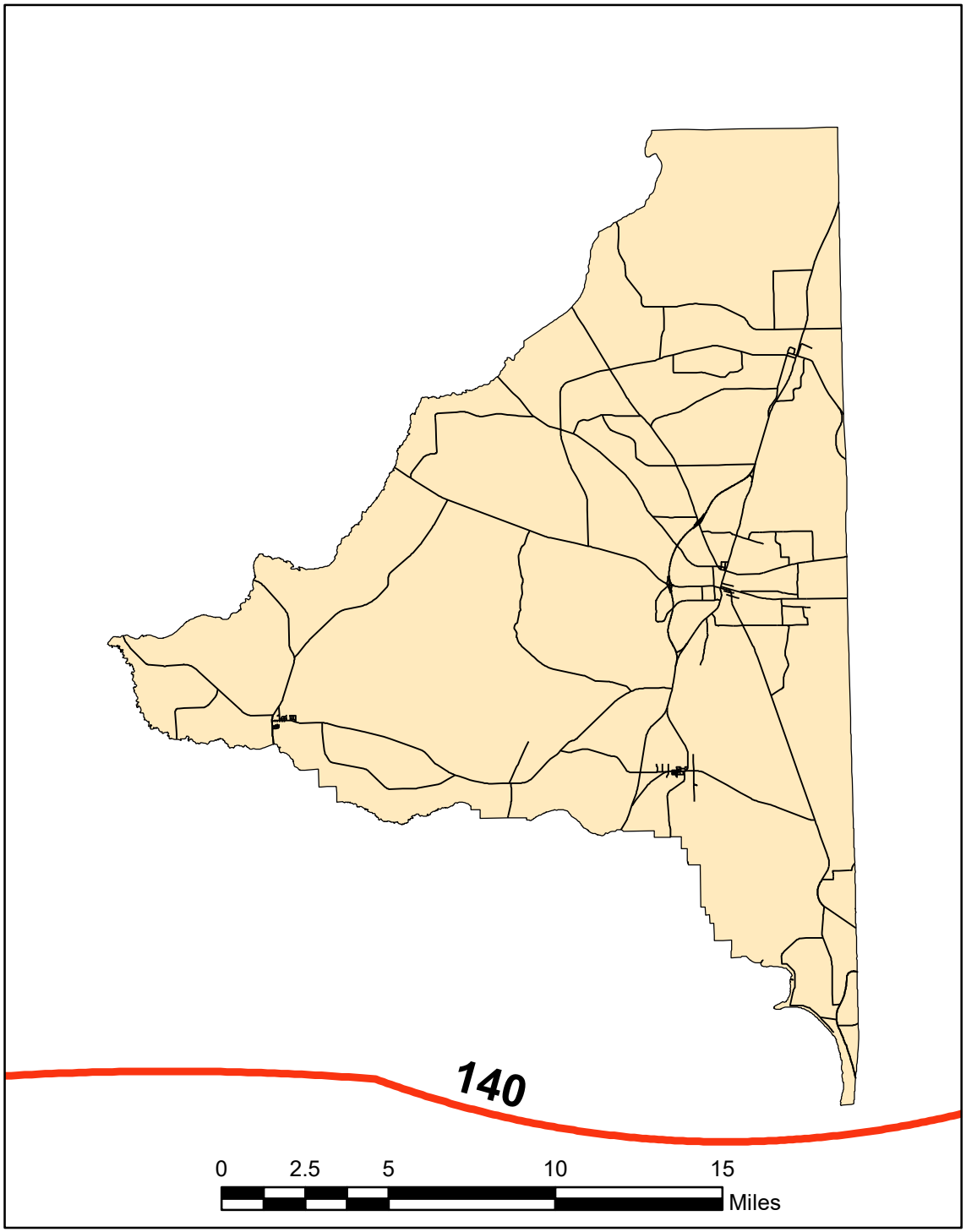

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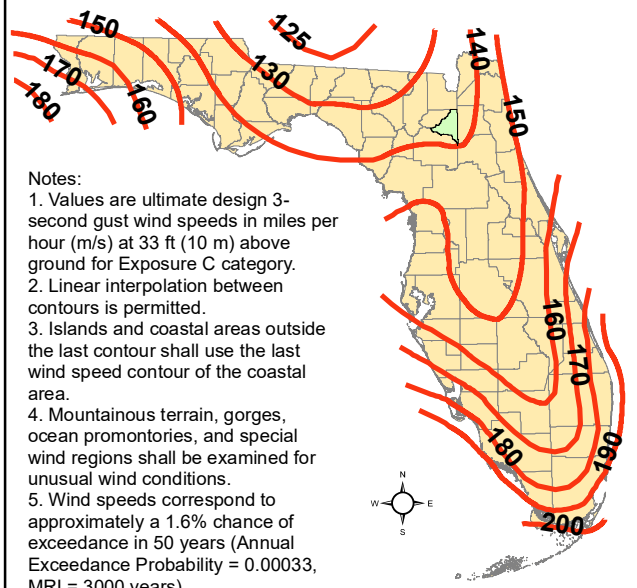

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BREVARD

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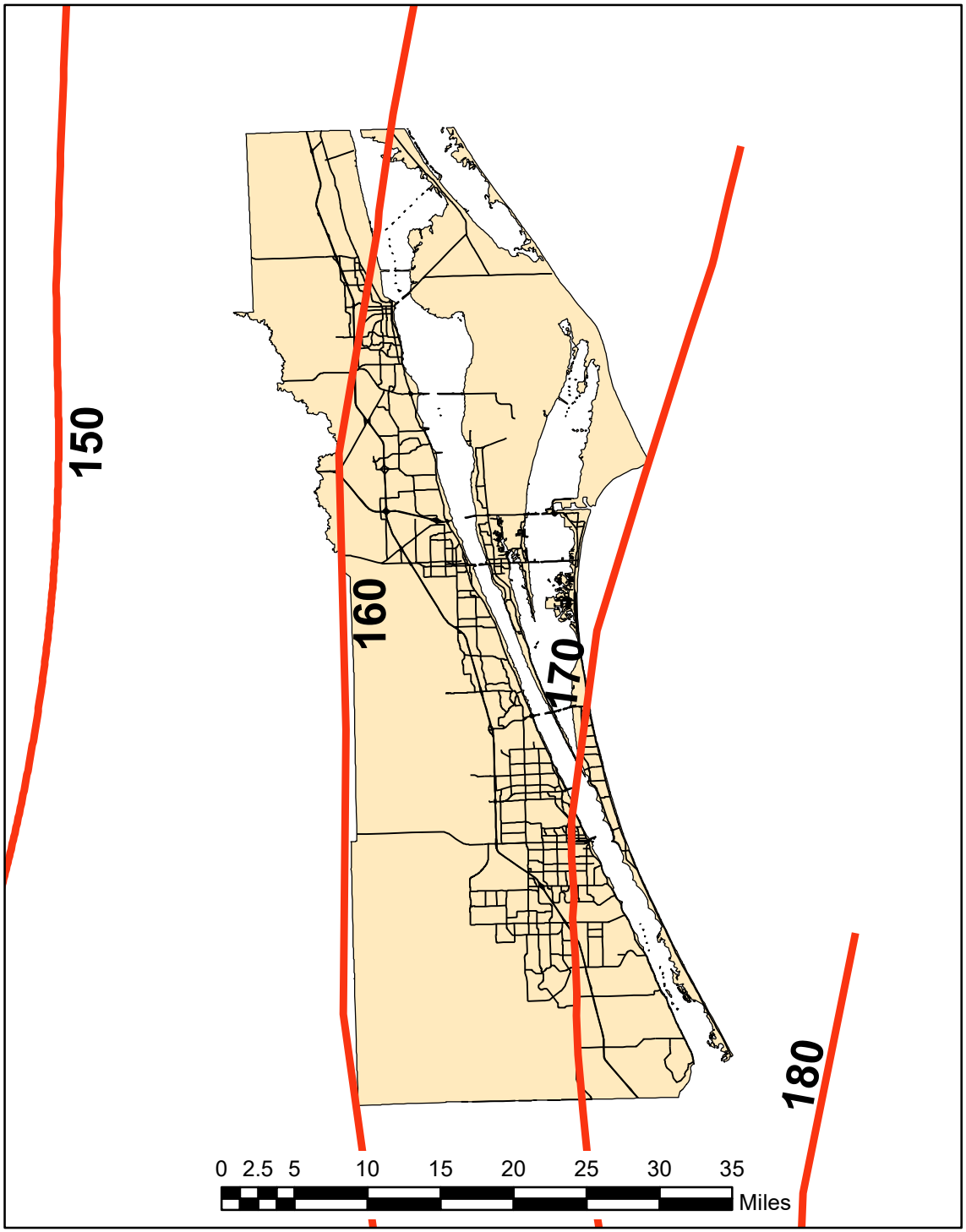

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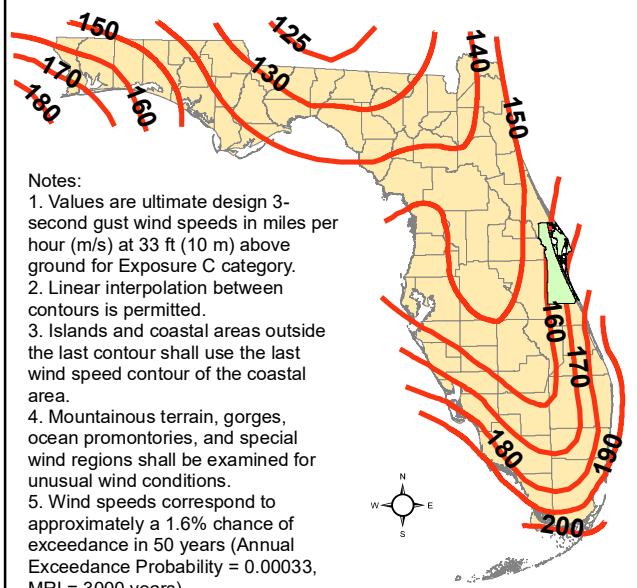

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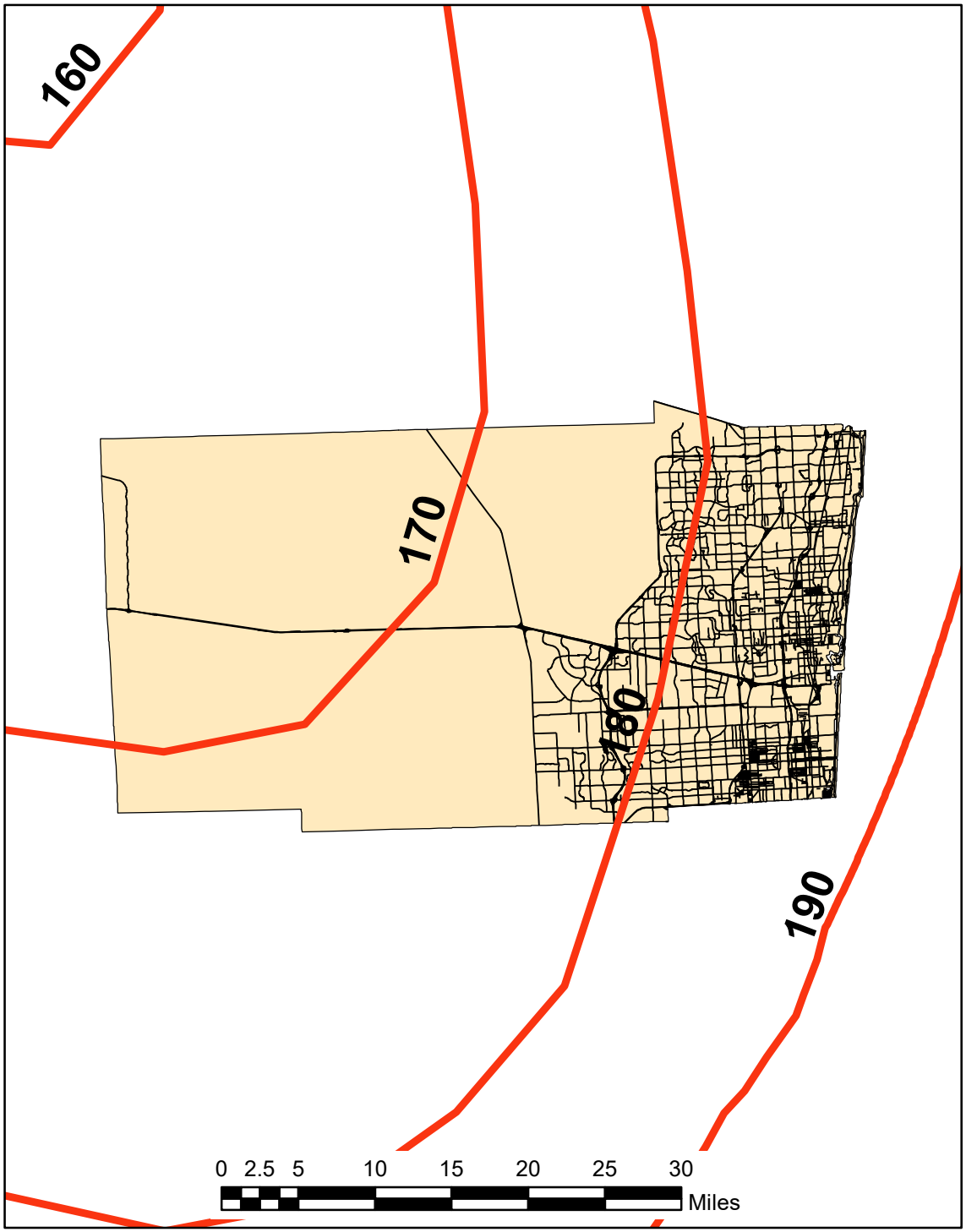

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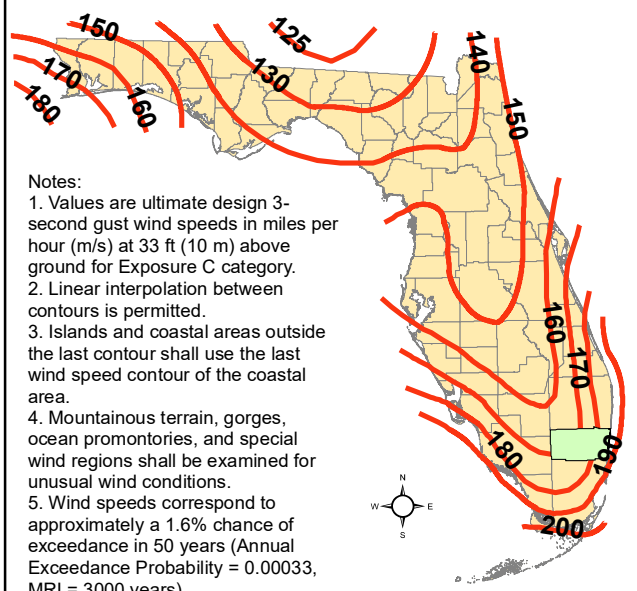

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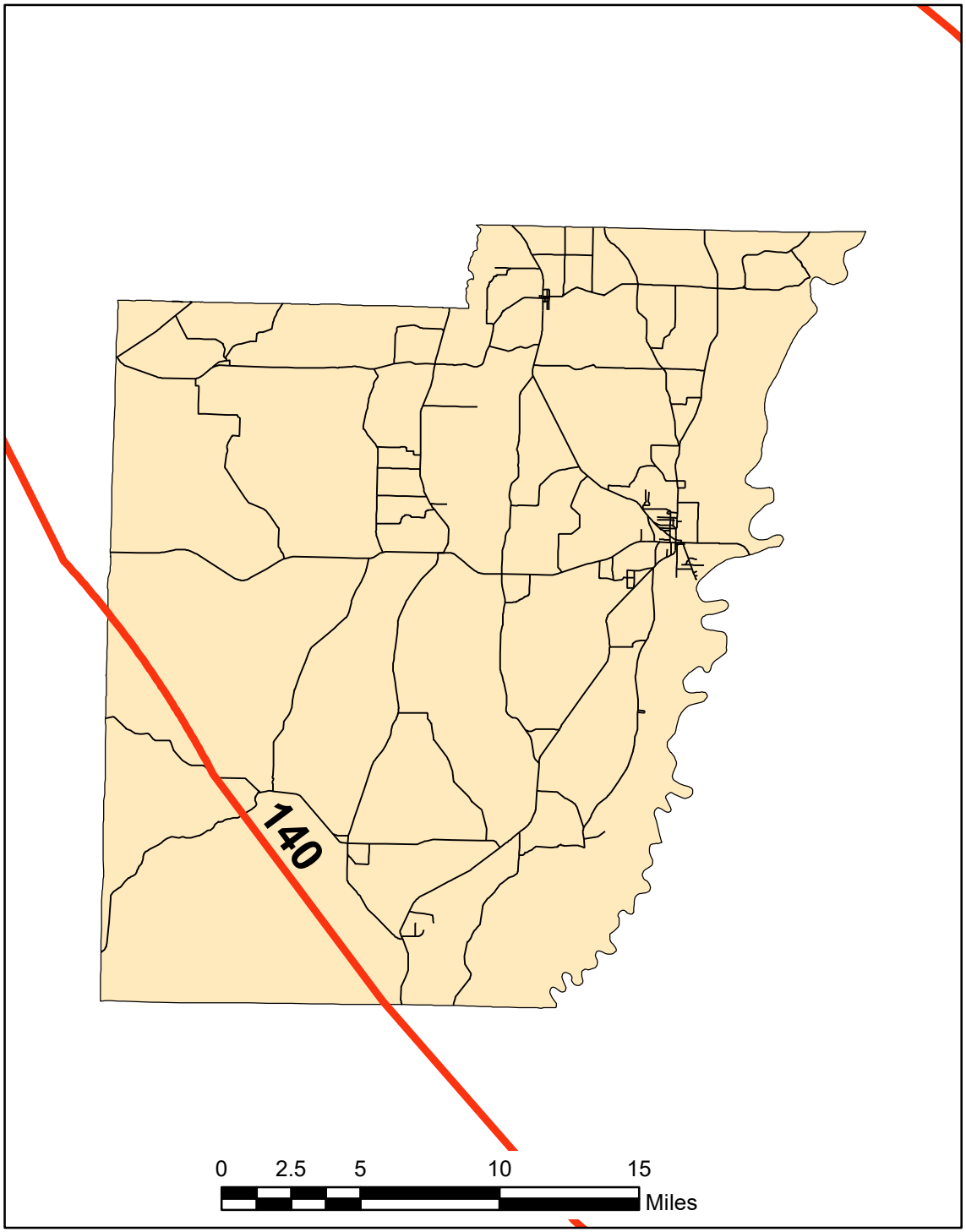

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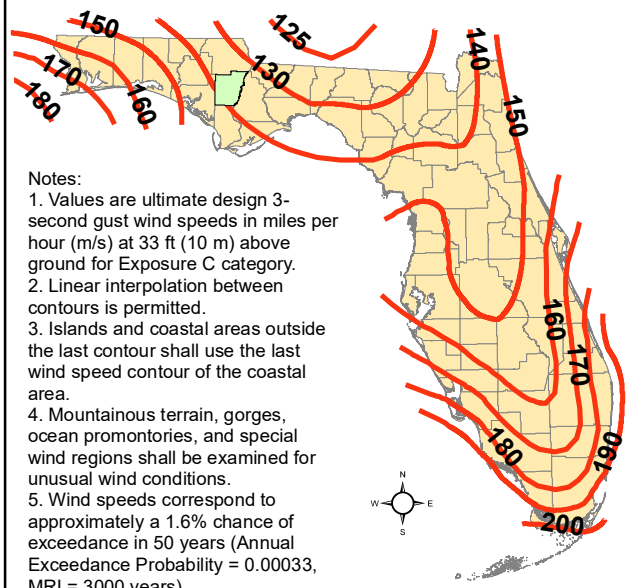

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CHARLOTTE

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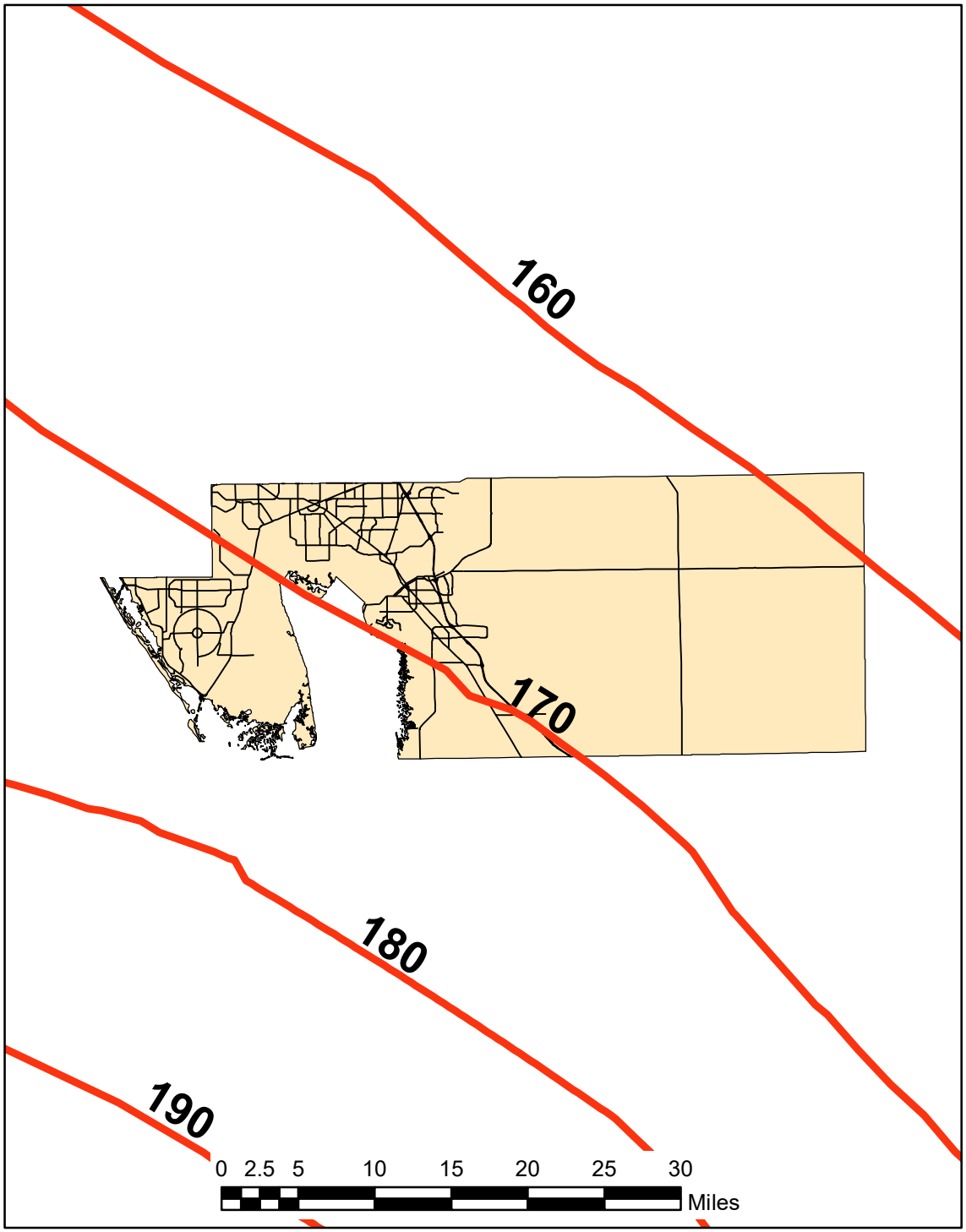

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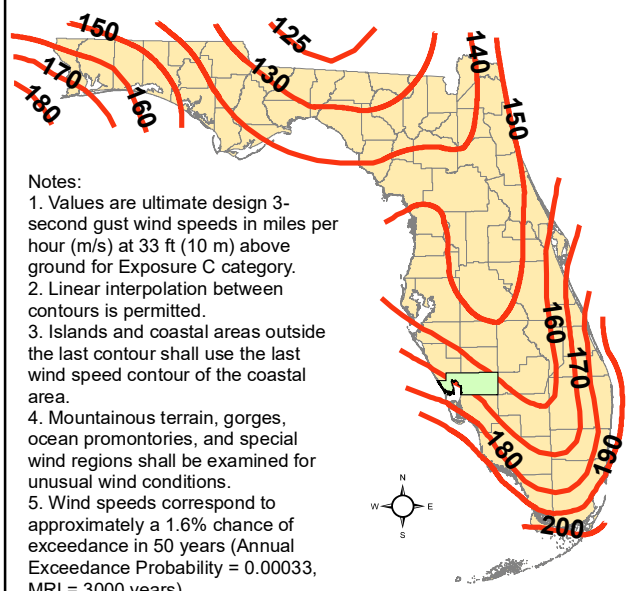

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CITRUS

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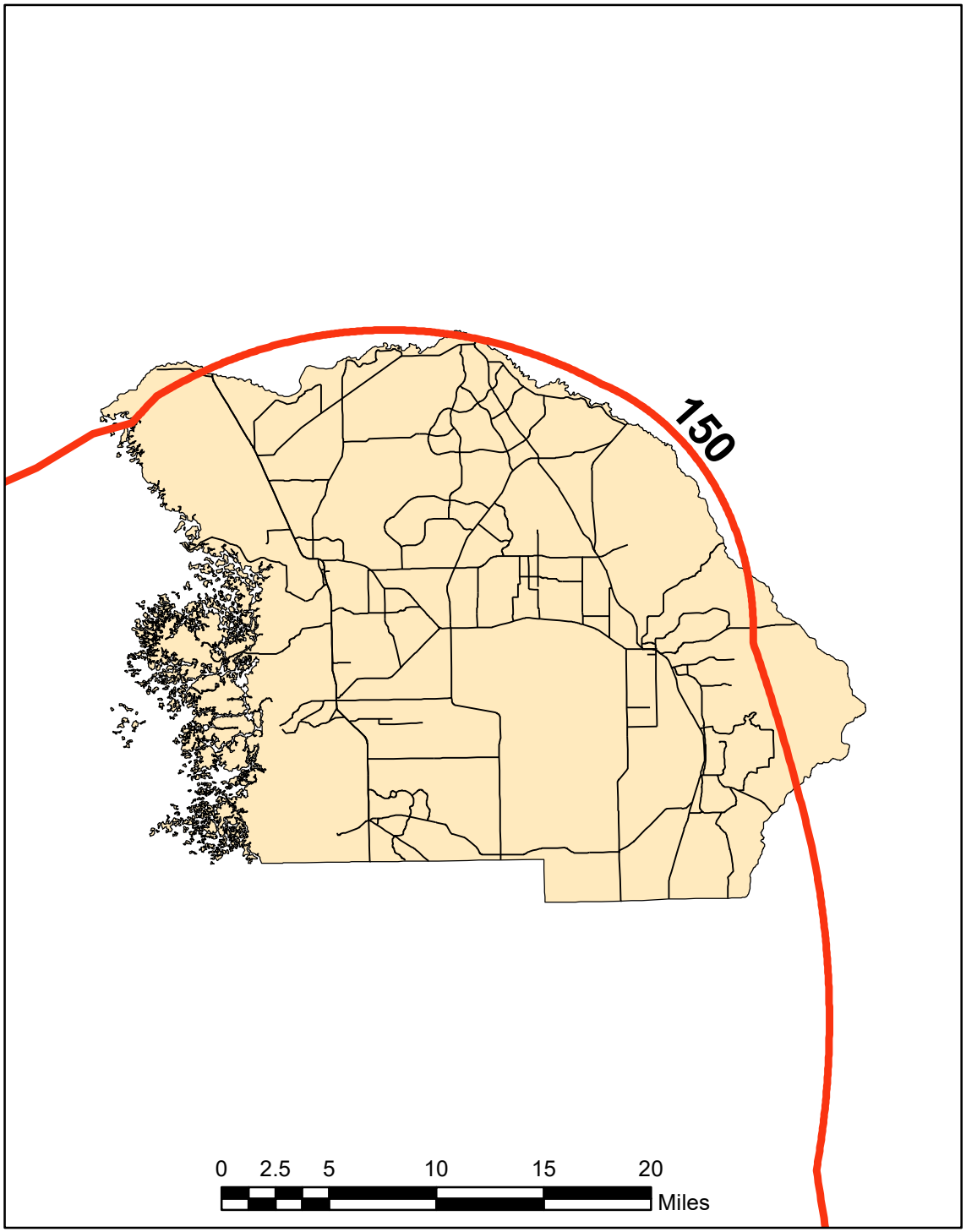

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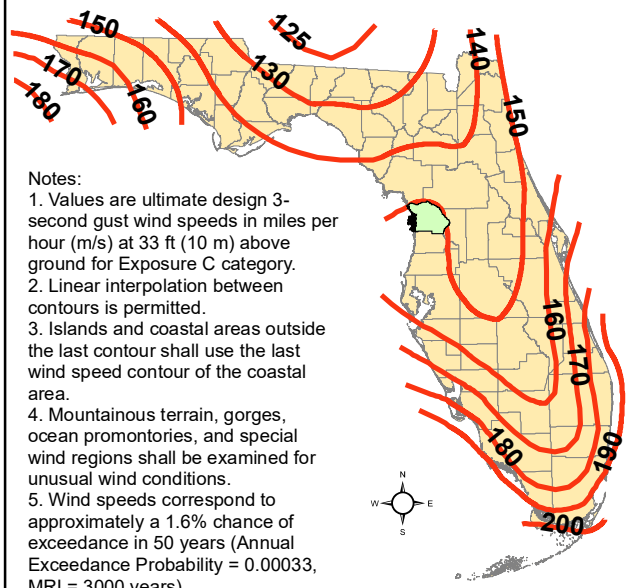

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CLAY

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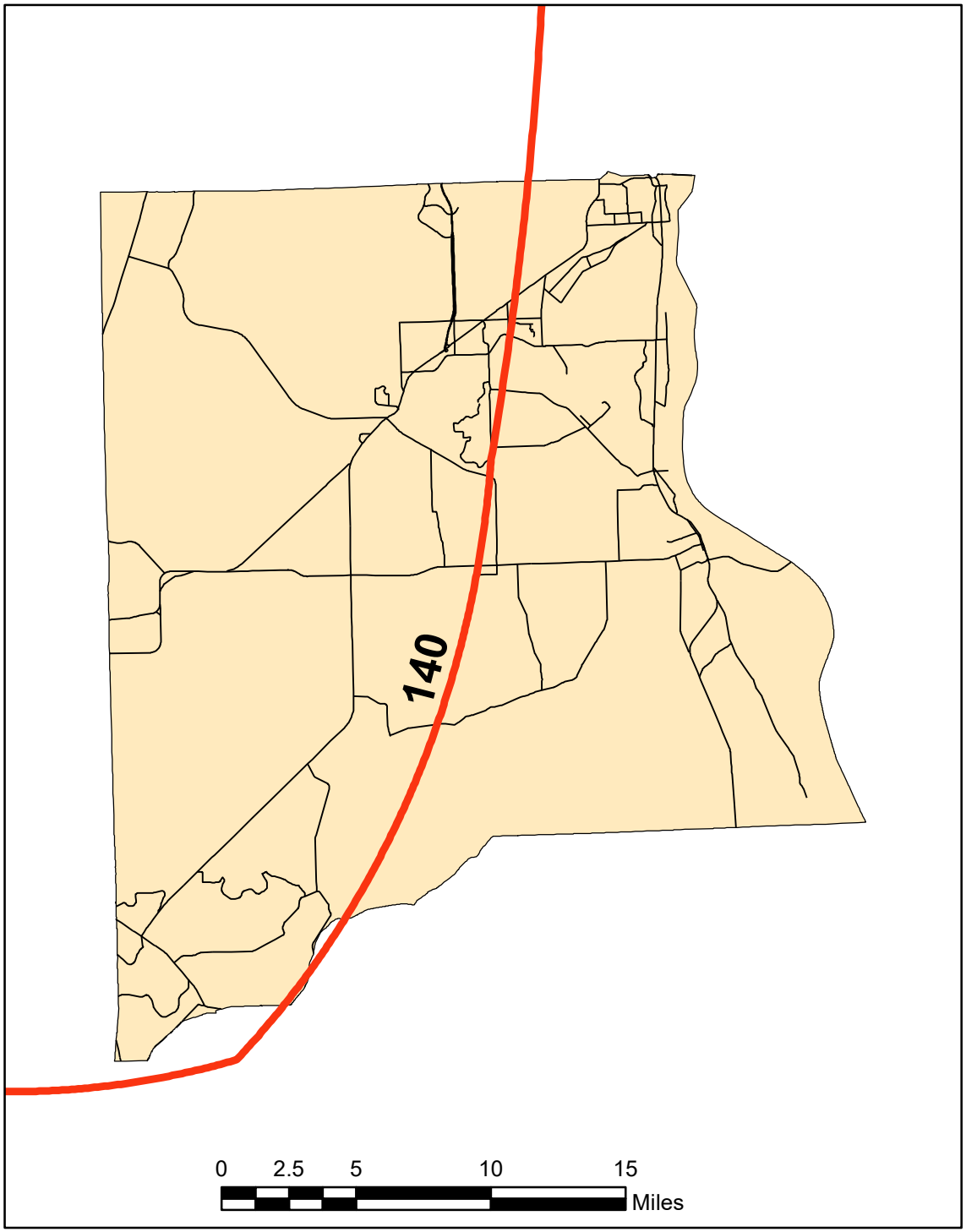

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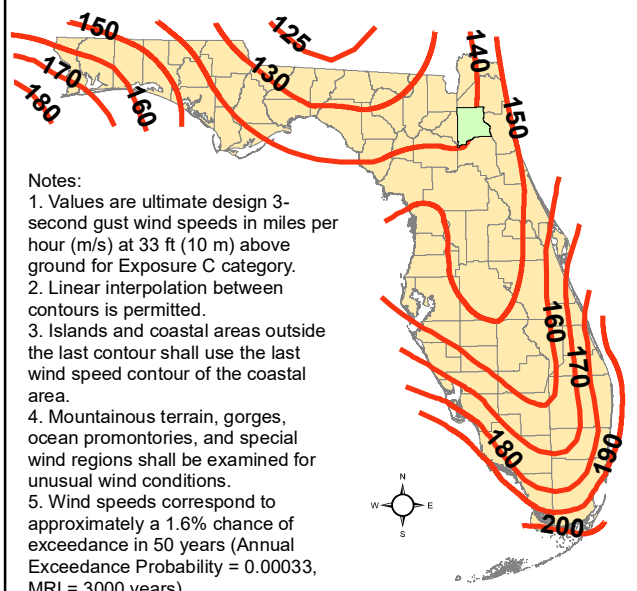

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COLLIER

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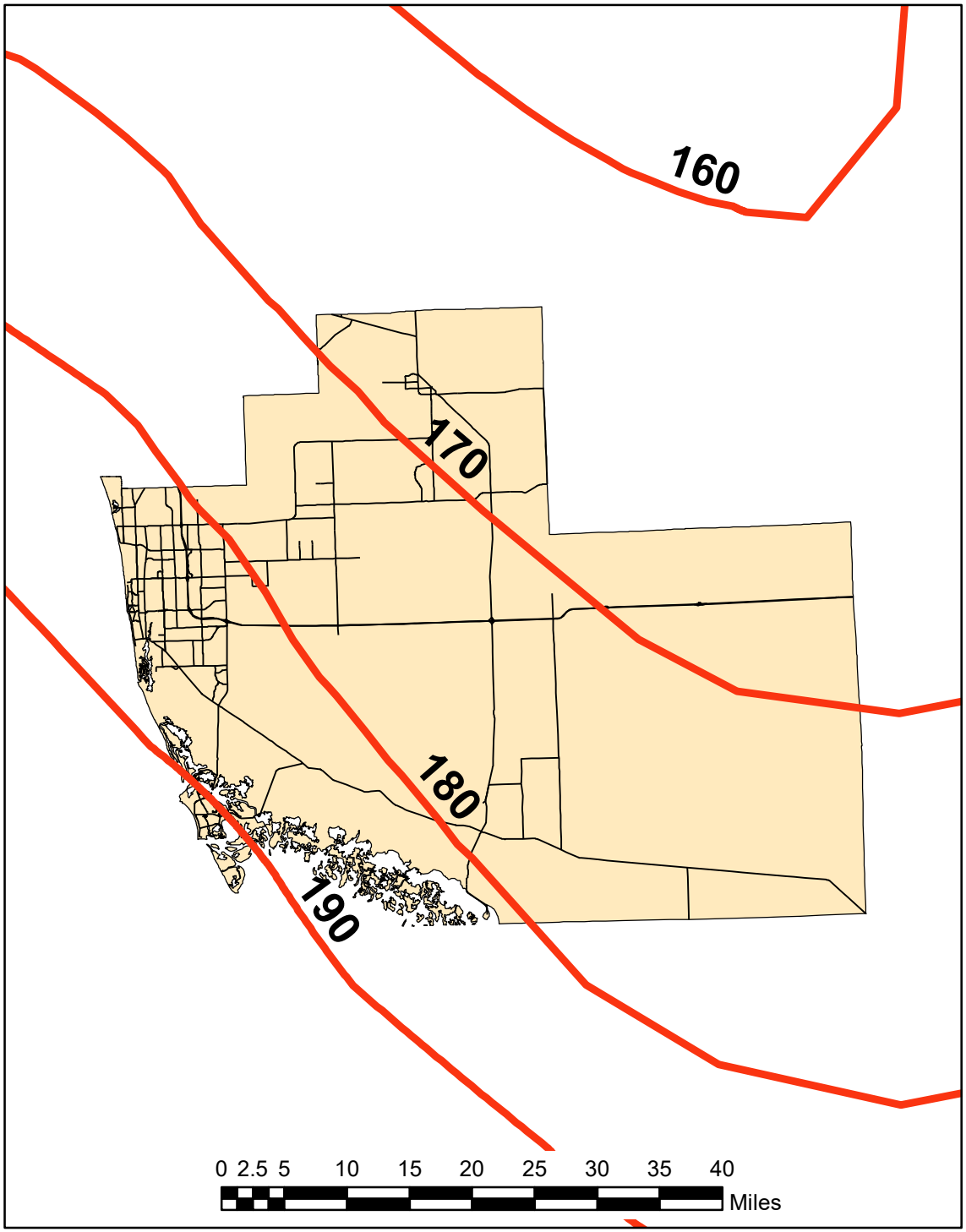

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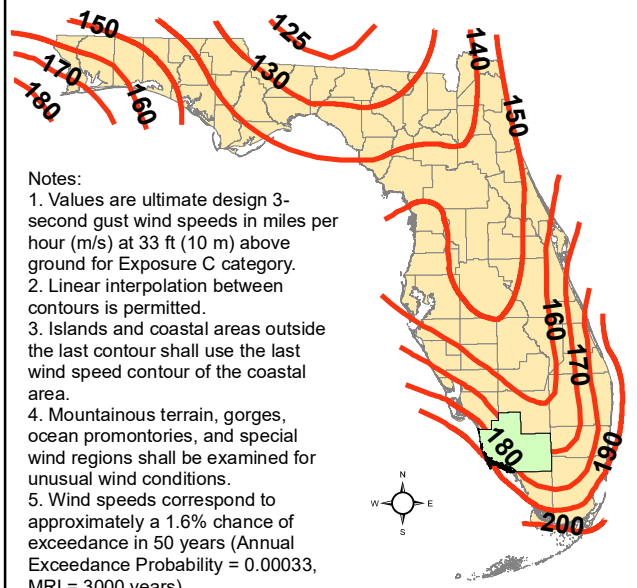
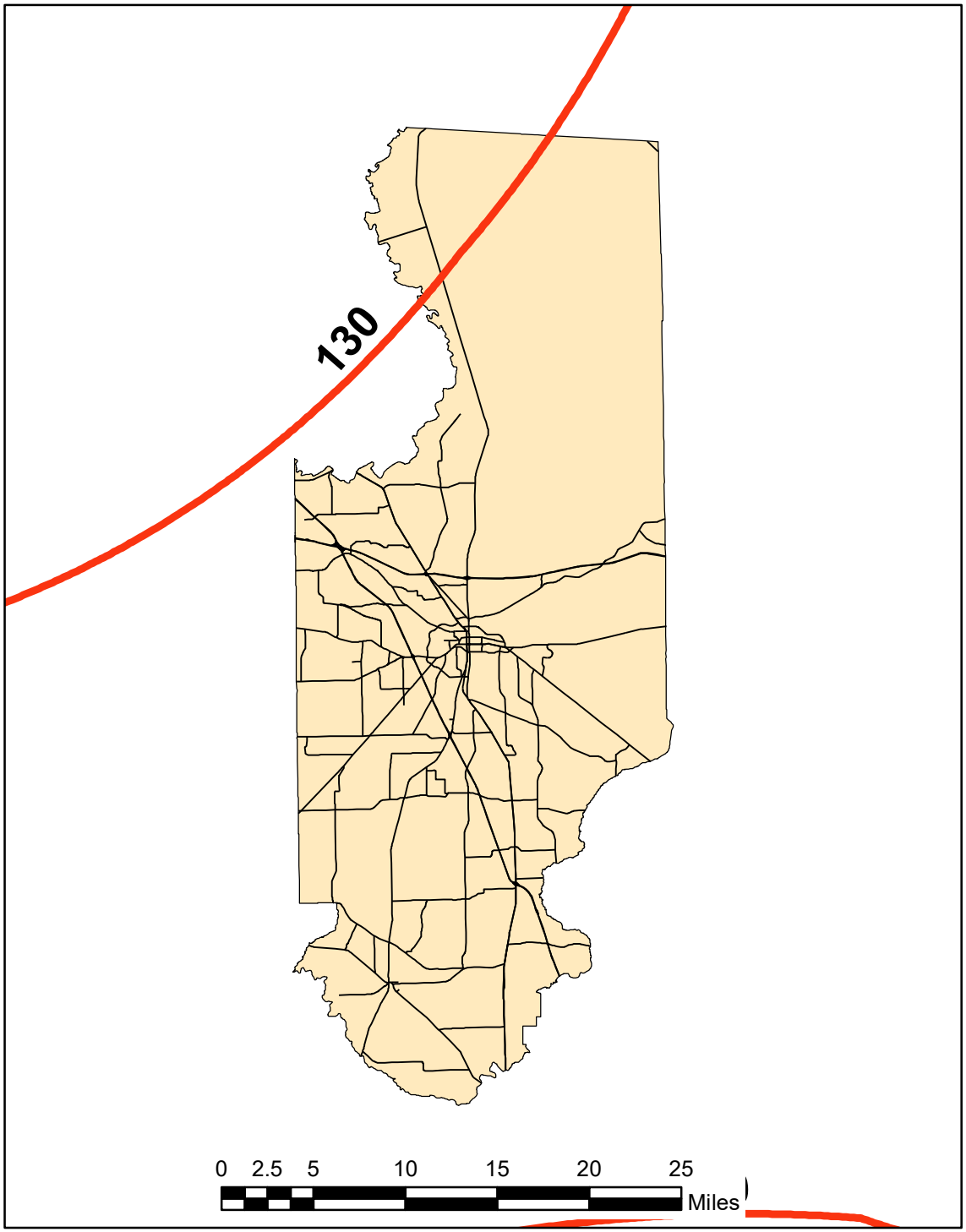


Notes:
1. Values are ultimate design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal 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 1.6% chance of exceedance in 50 years (Annual Exceedance Probability = 0.00033, MRI = 3000 years).

Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

COLUMBIA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



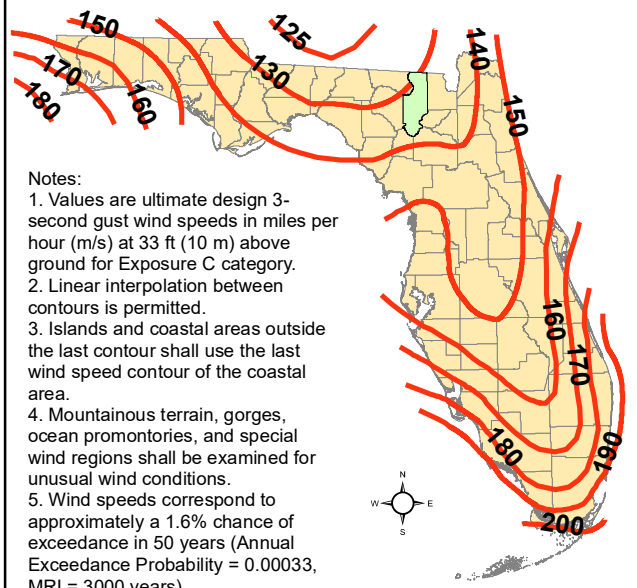
June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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 Vult is 130 mph (58 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (63.6 m/s) or greater

For Risk Category II buildings and other structures and Risk Category III buildings and other structures, except health care facilities, the windborne debris region shall be based on Figure 1609.3(1). For Risk Category III health care facilities, the windborne debris region shall be based on Figure 1609.3(2). For Risk Category IV buildings and other structures, the windborne debris region shall be based on Figure 1609.3(3).

Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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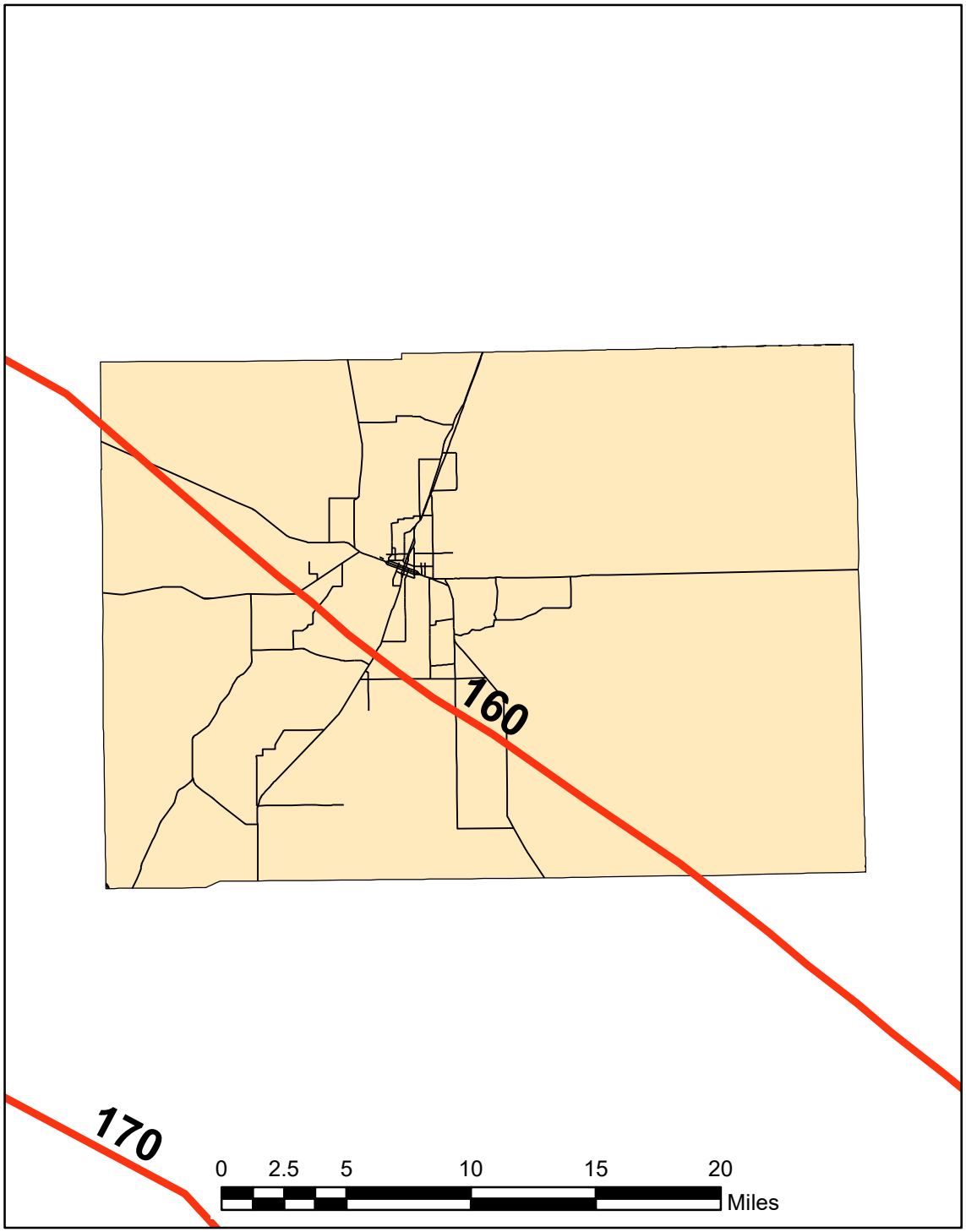
DESOTO

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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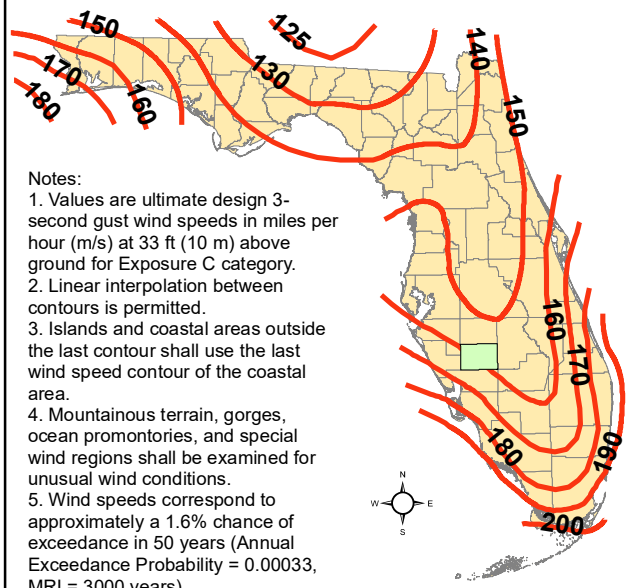
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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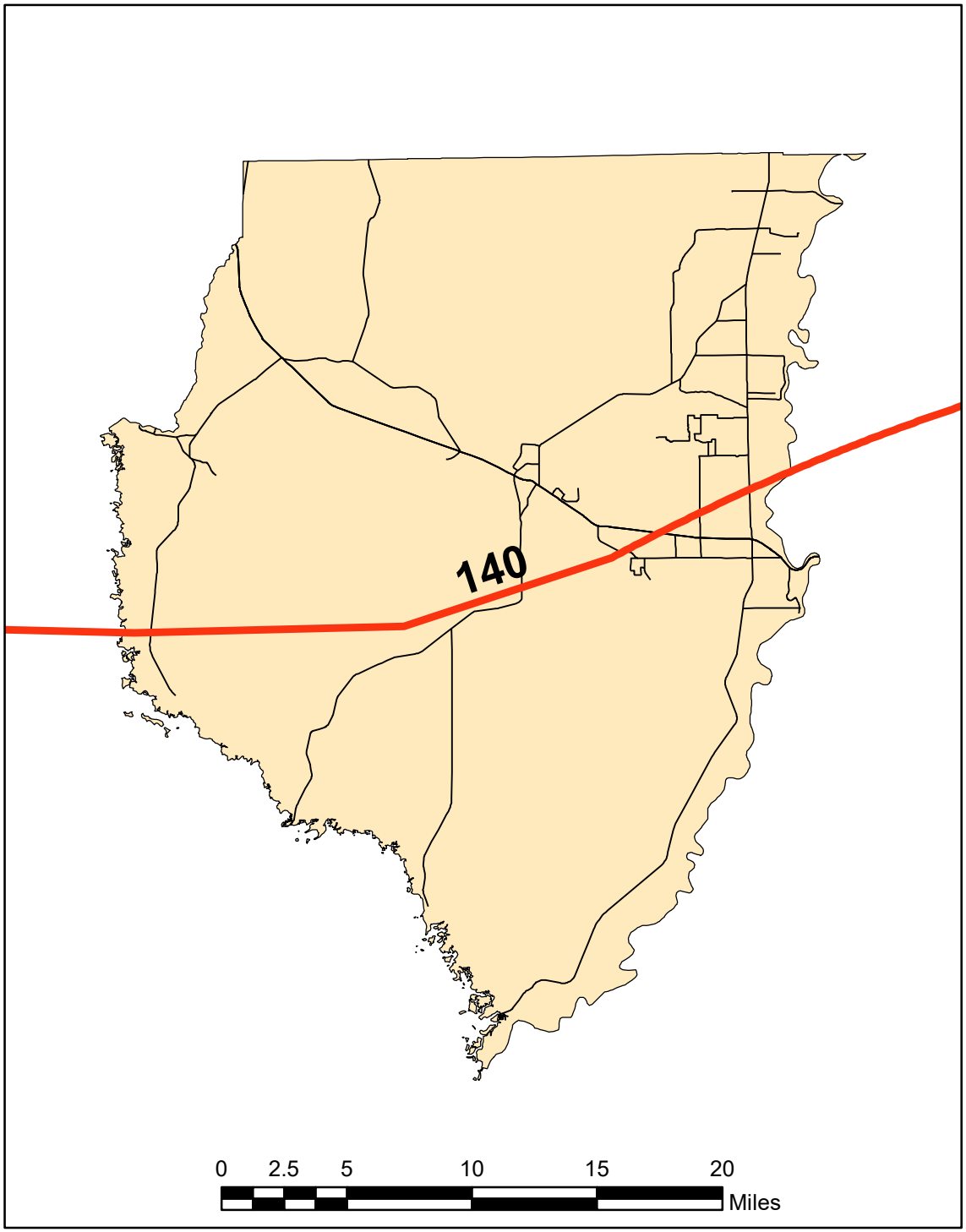
DIXIE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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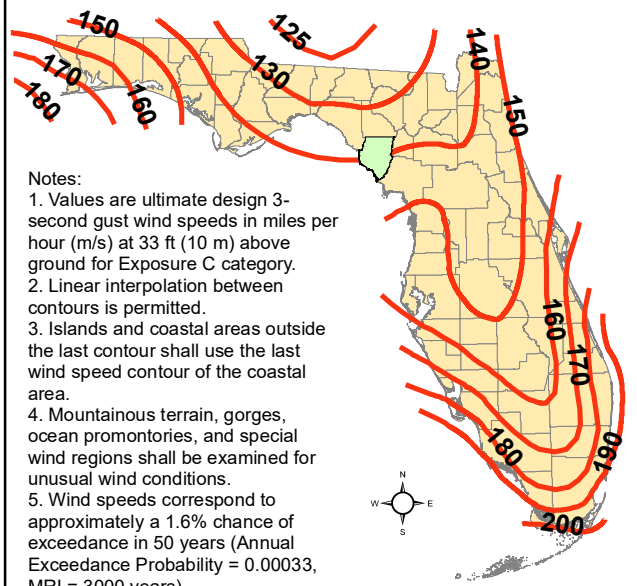
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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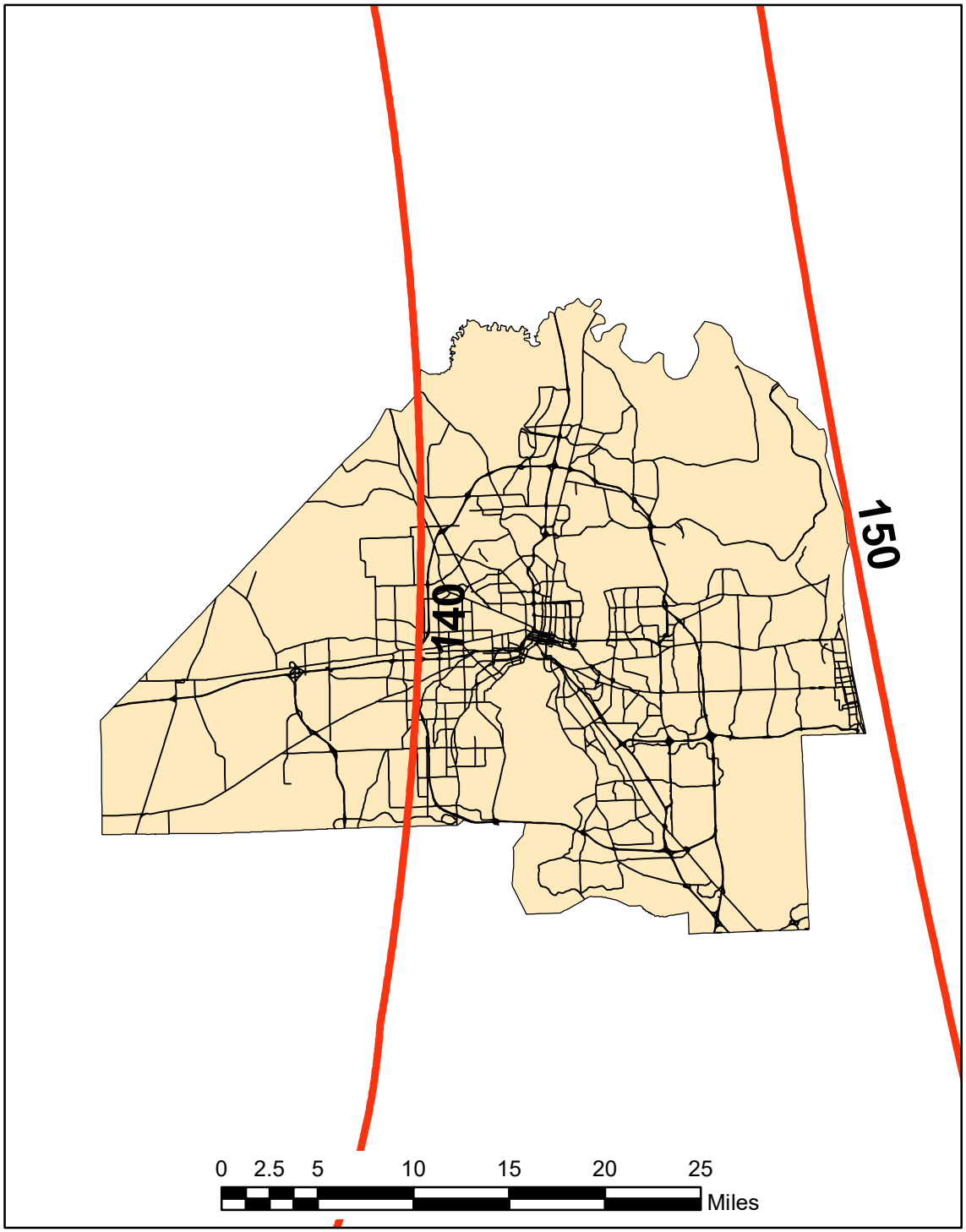
DUVAL

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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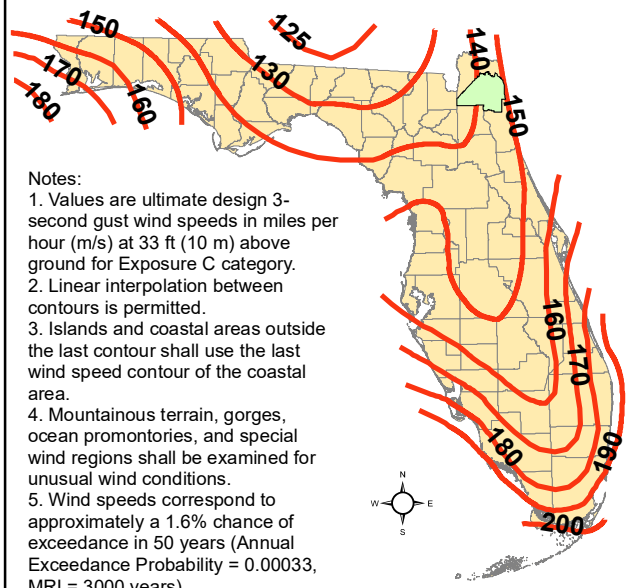
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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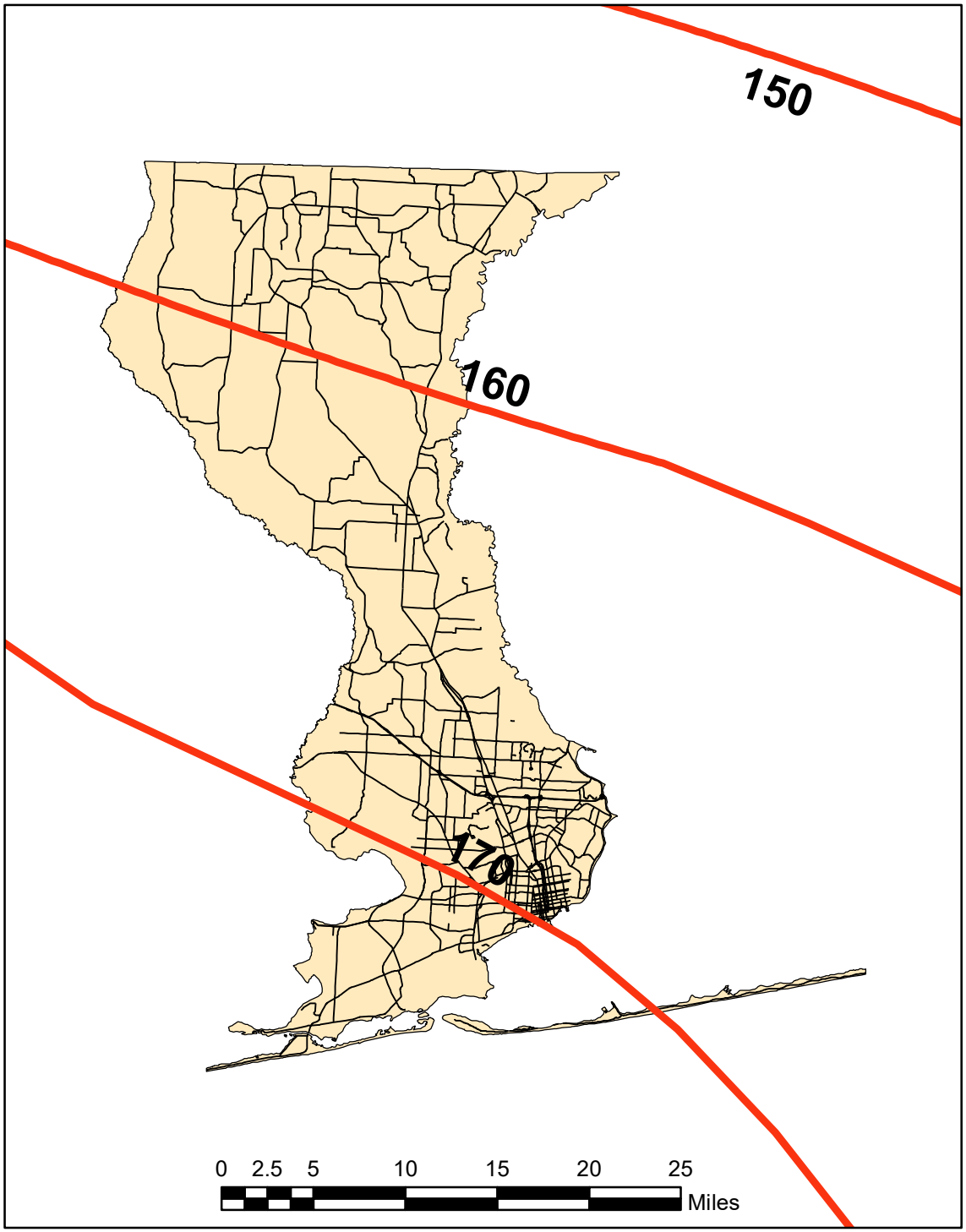
ESCAMBIA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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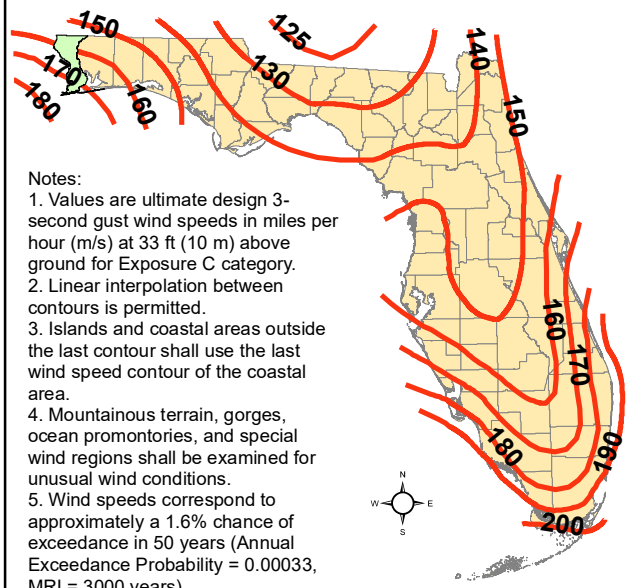

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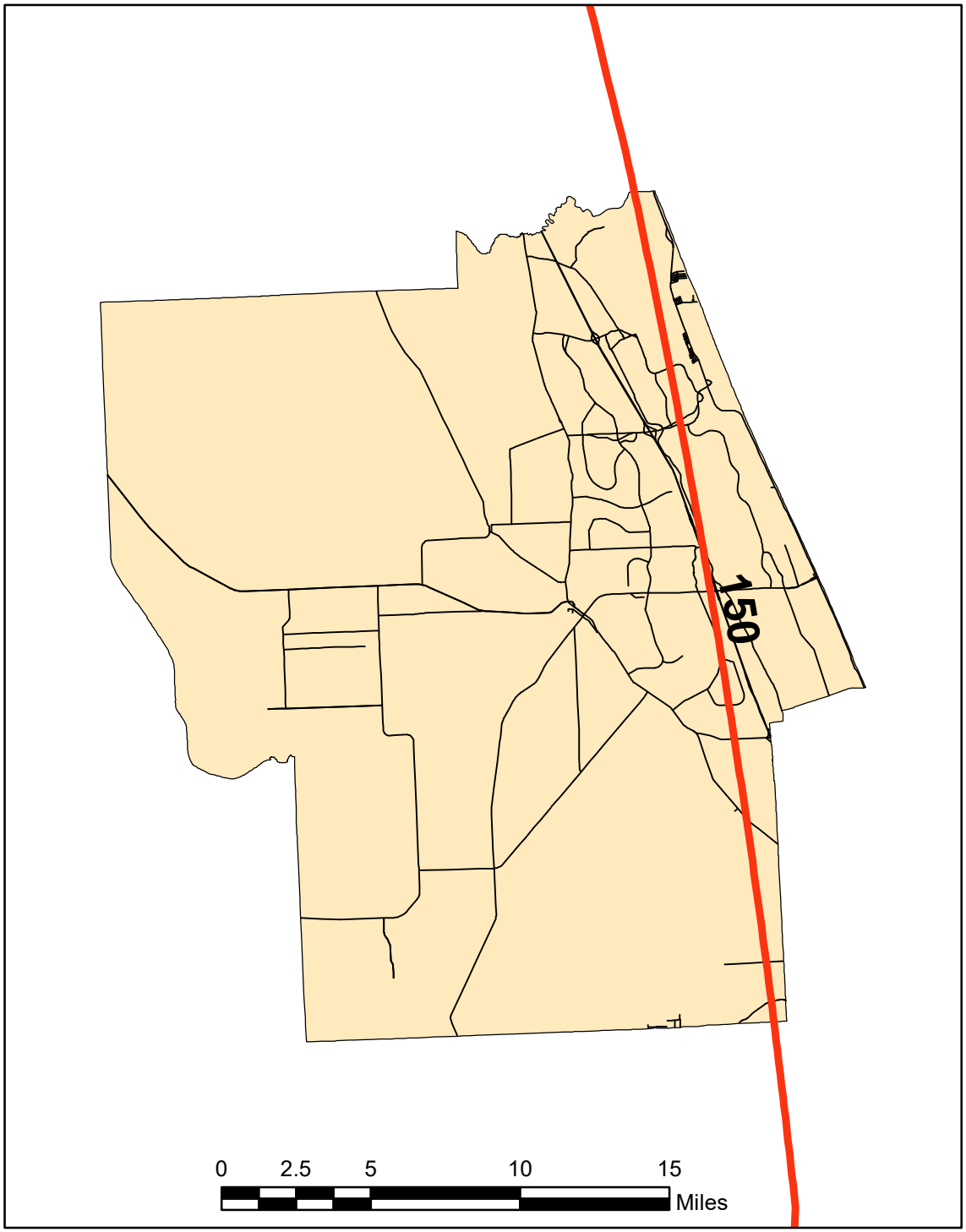
FLAGLER

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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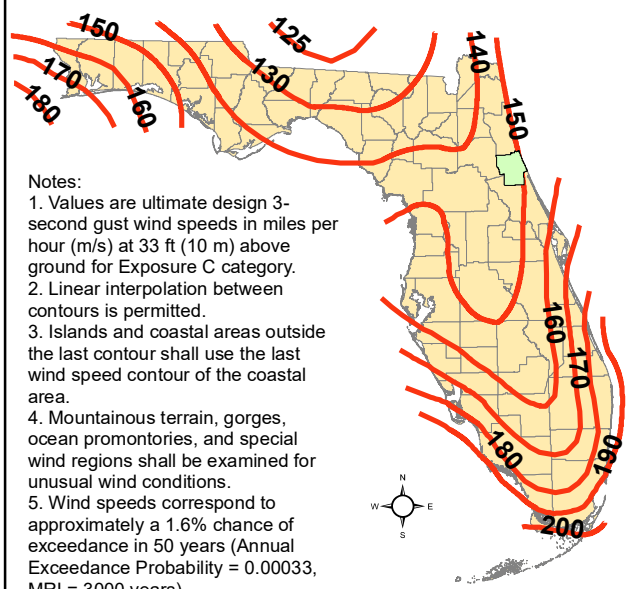

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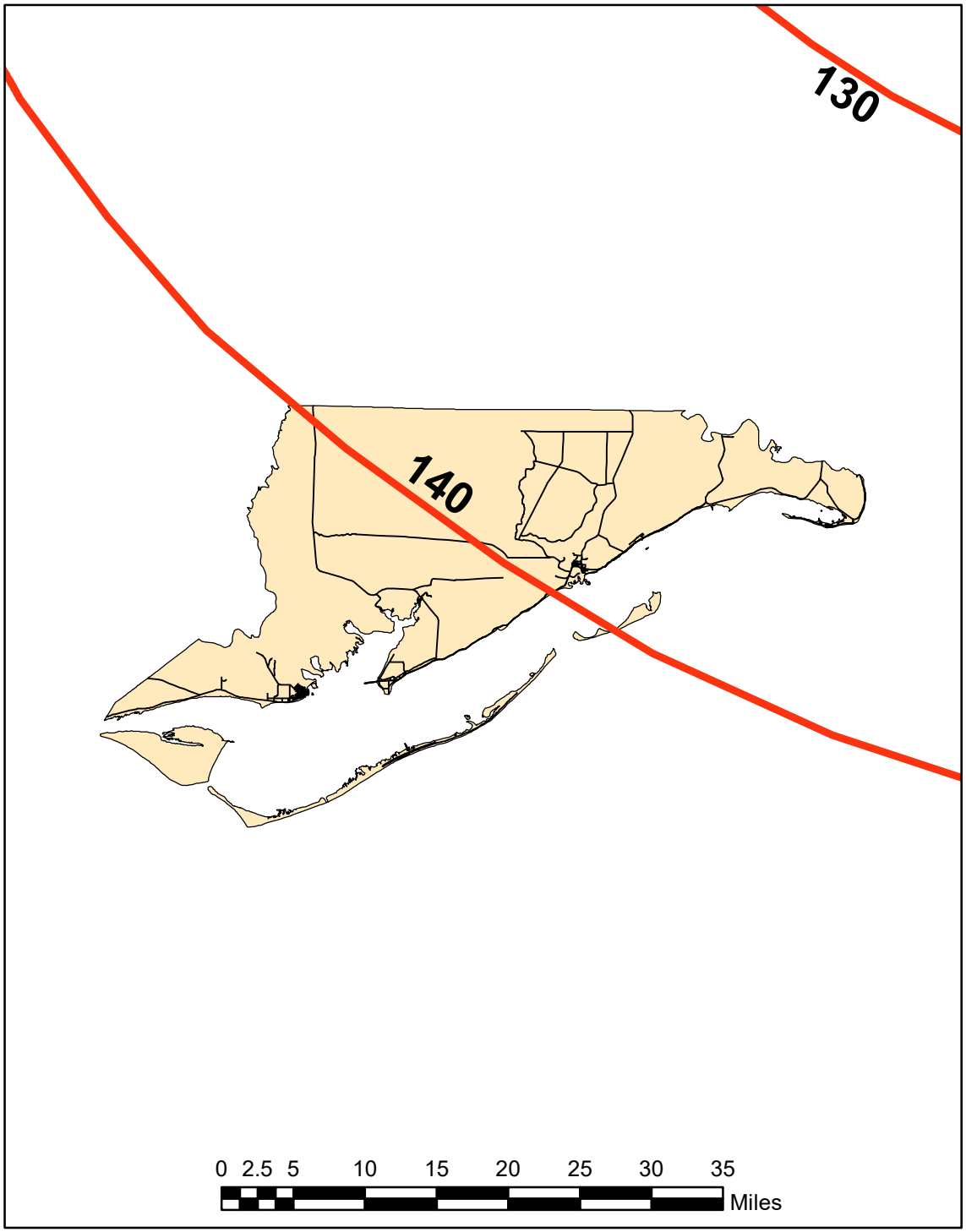
FRANKLIN

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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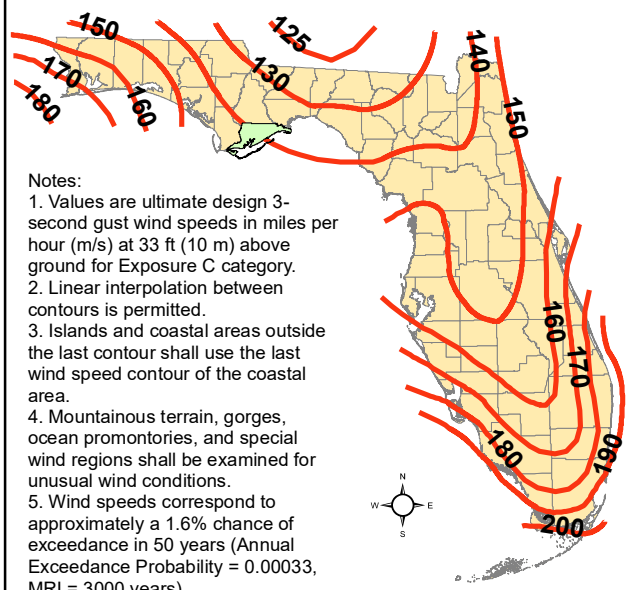

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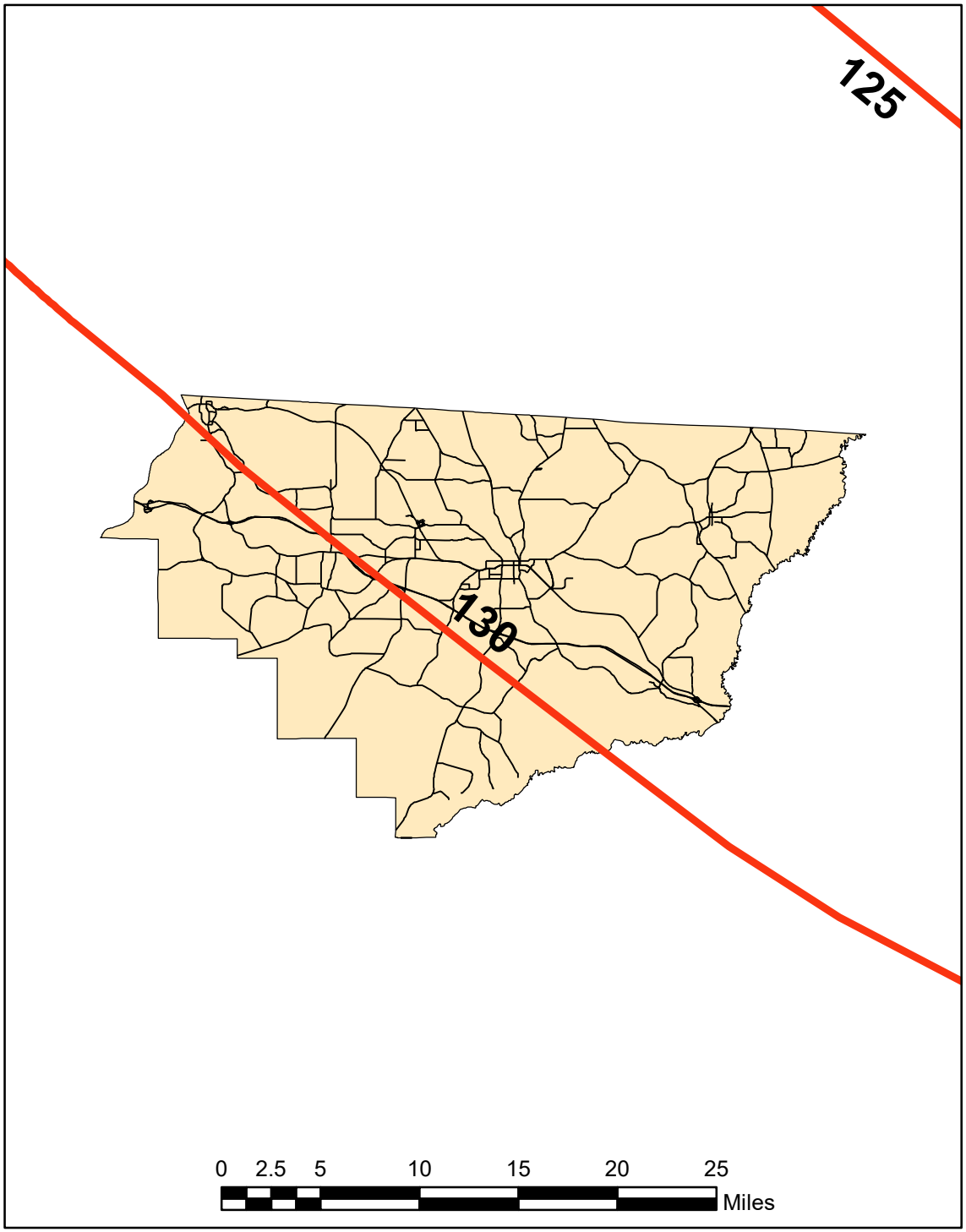
GADSDEN

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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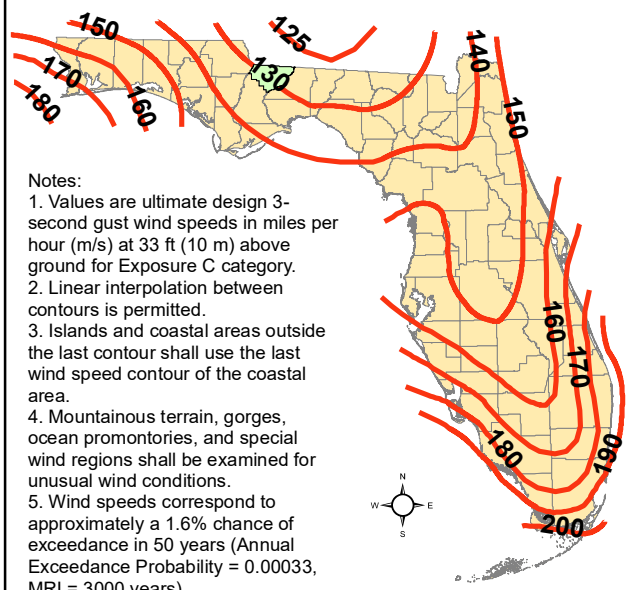

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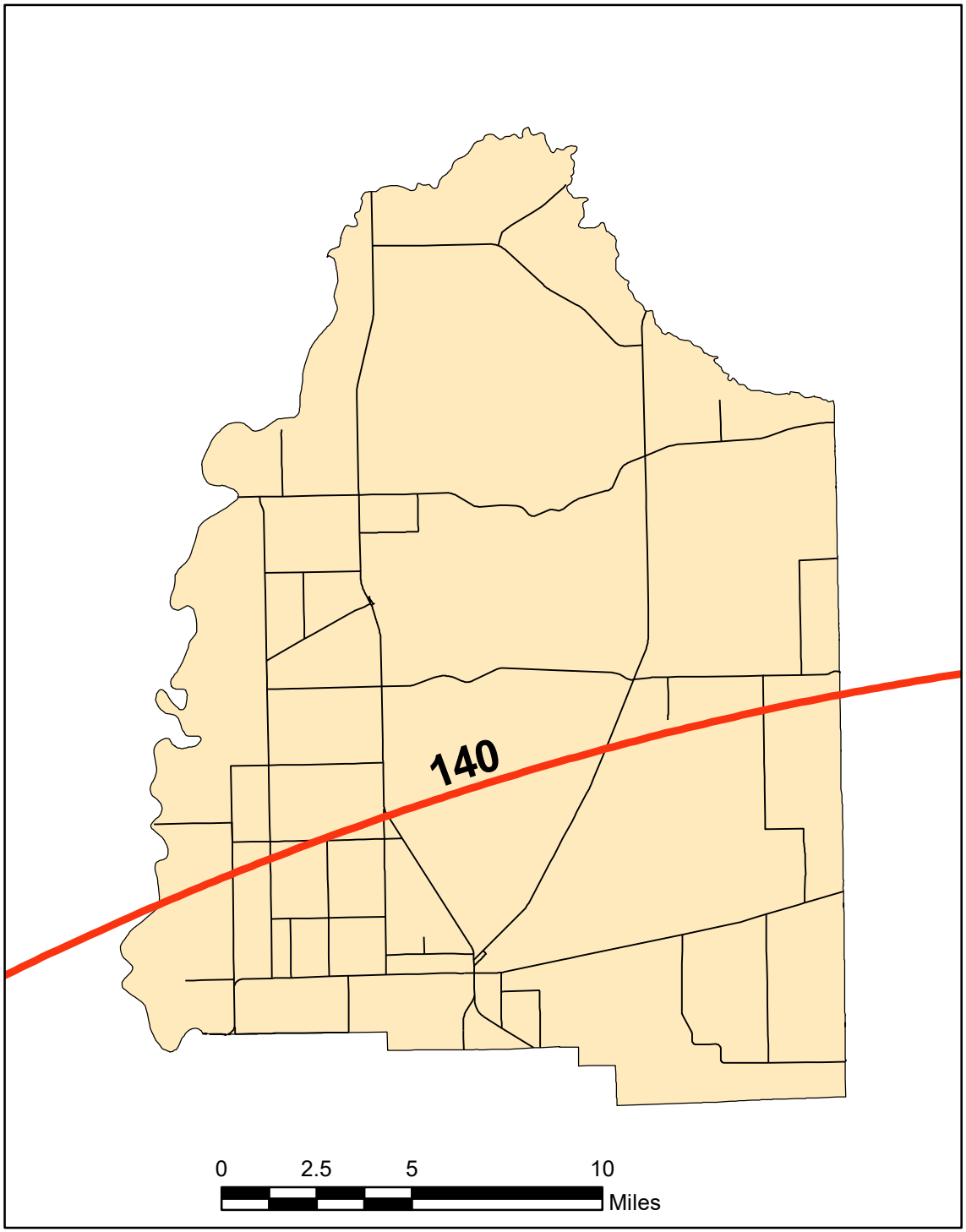
GILCHRIST

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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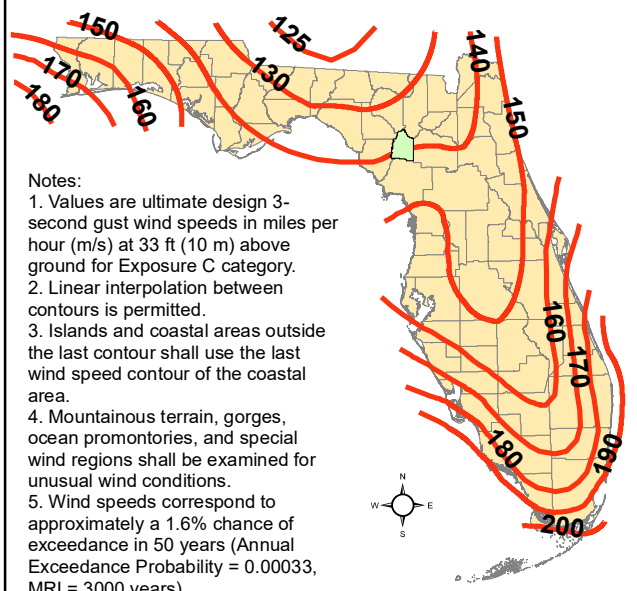

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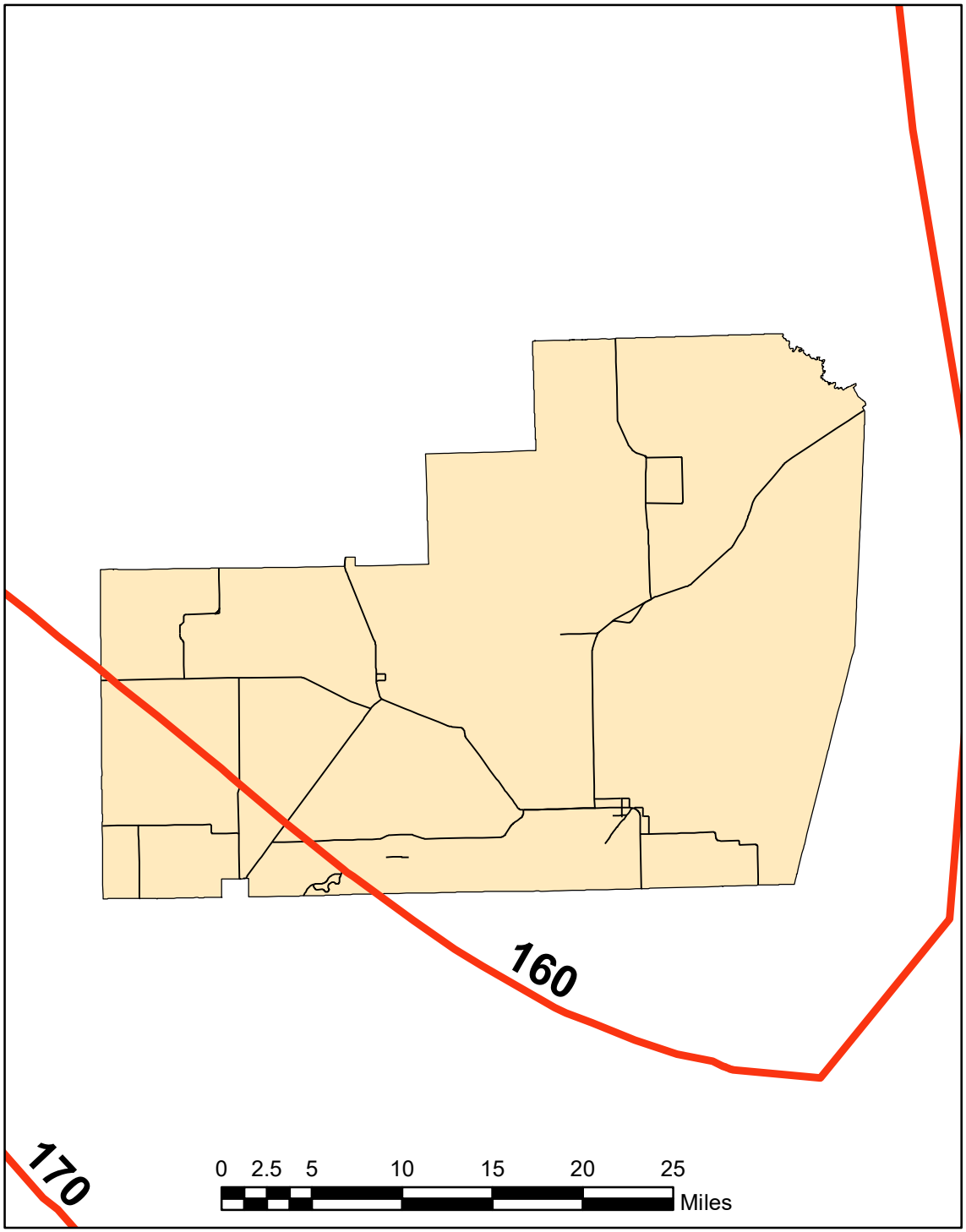
GLADES

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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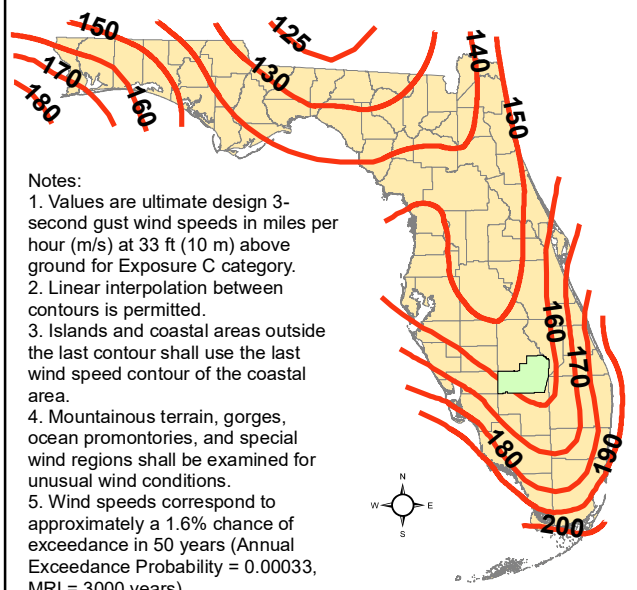

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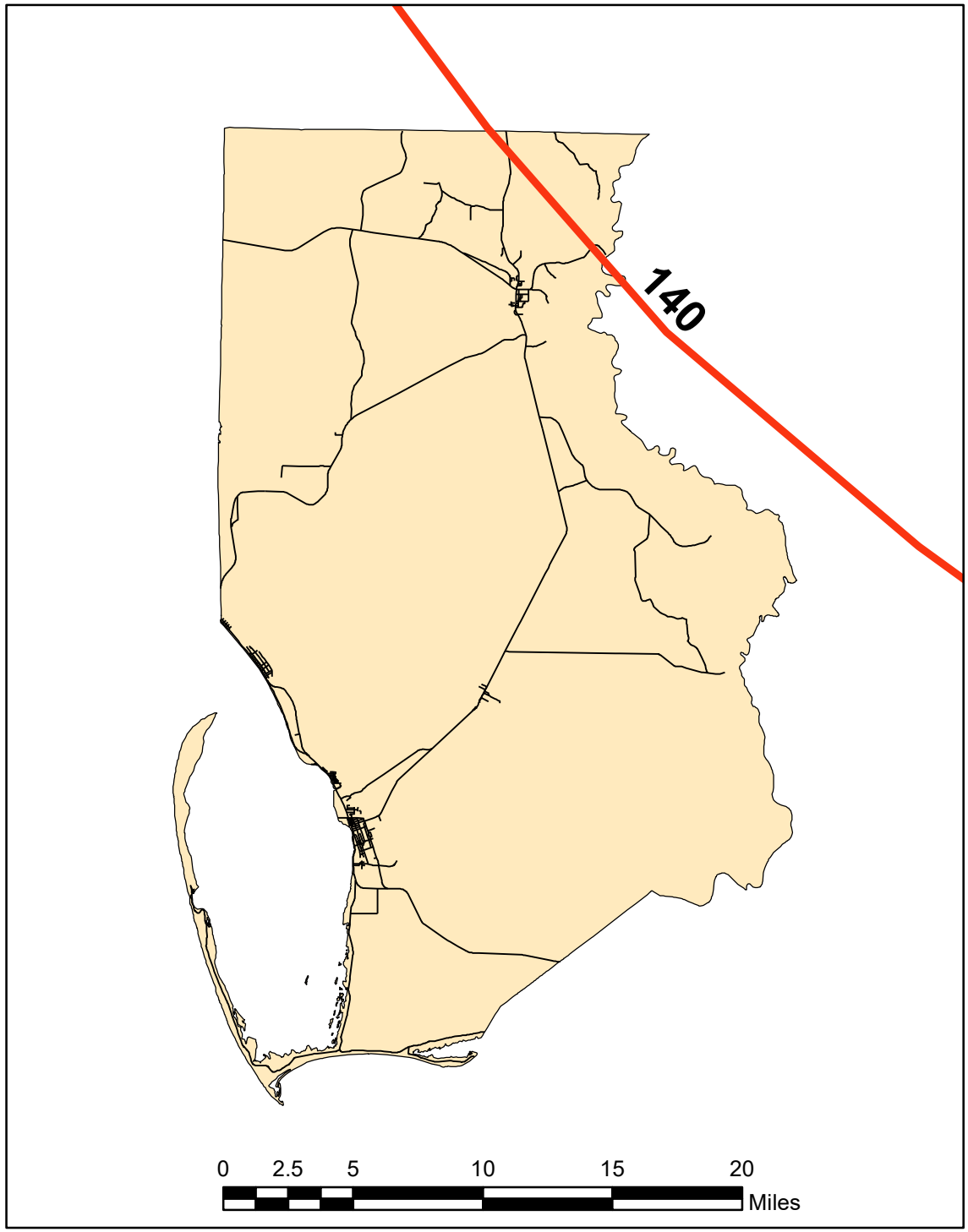
GULF

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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 Vult is 130 mph (58 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (63.6 m/s) or greater

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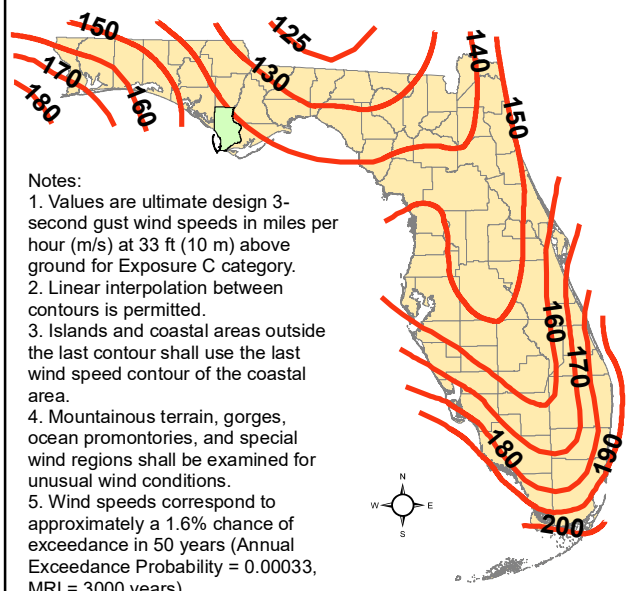
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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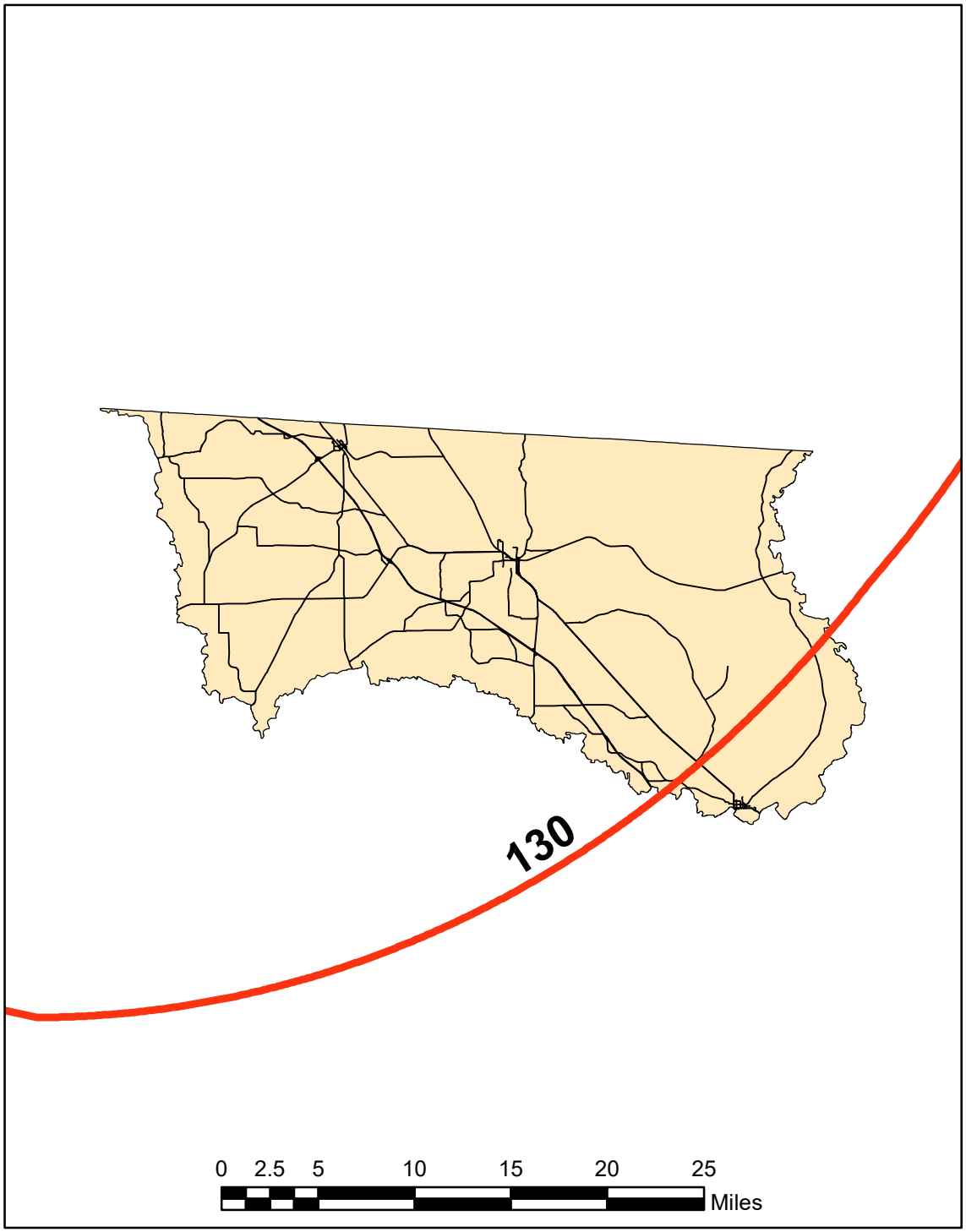
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 1.6% chance of exceedance in 50 years (Annual Exceedance Probability = 0.00033, MRI = 3000 years).

Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

HAMILTON

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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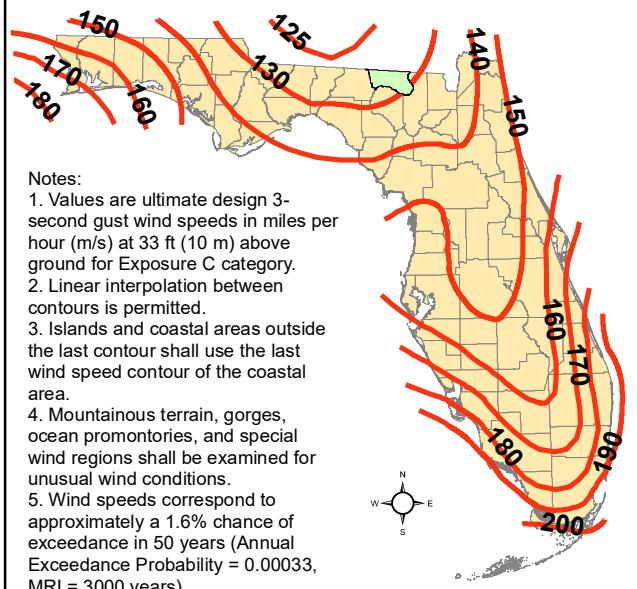
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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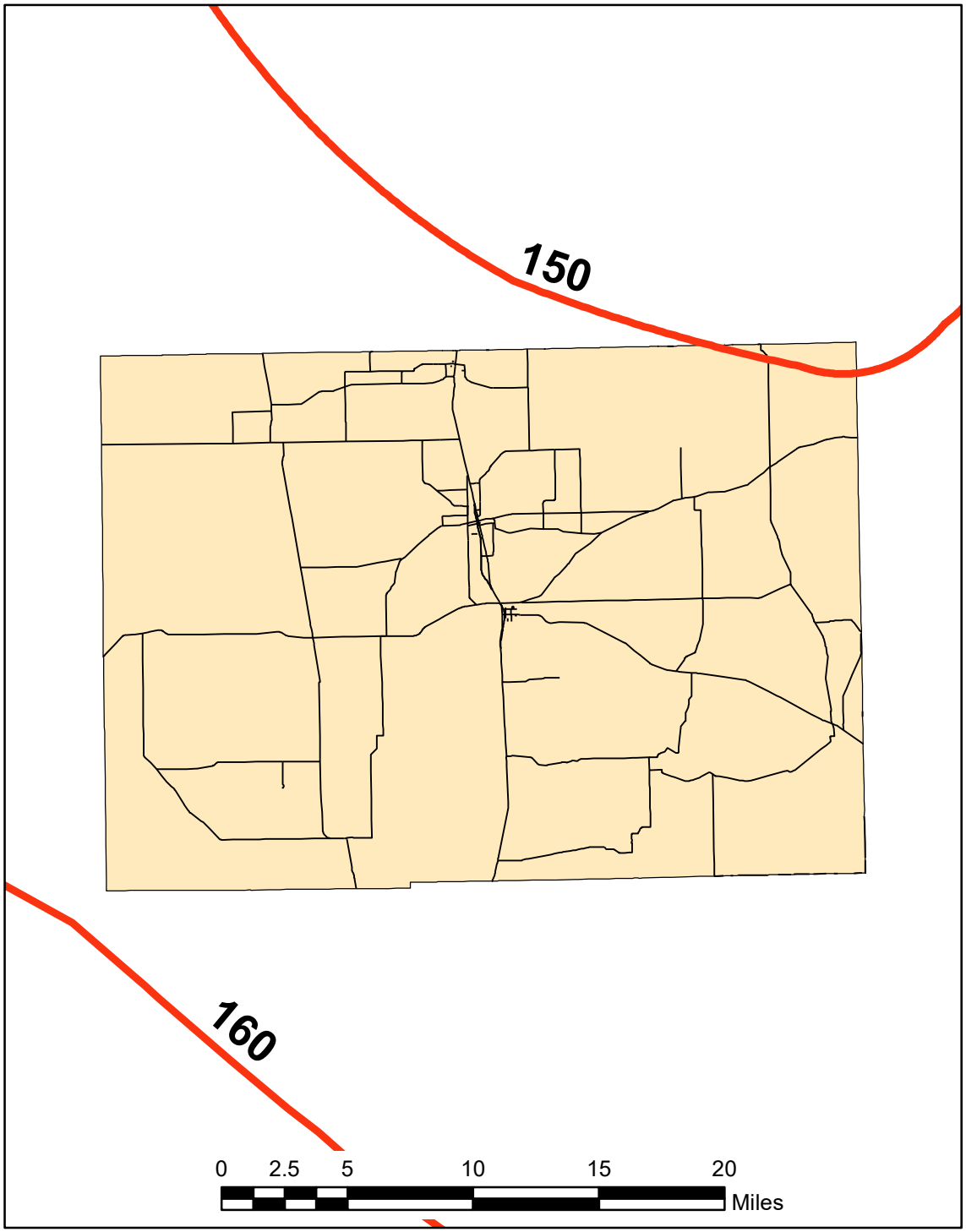
HARDEE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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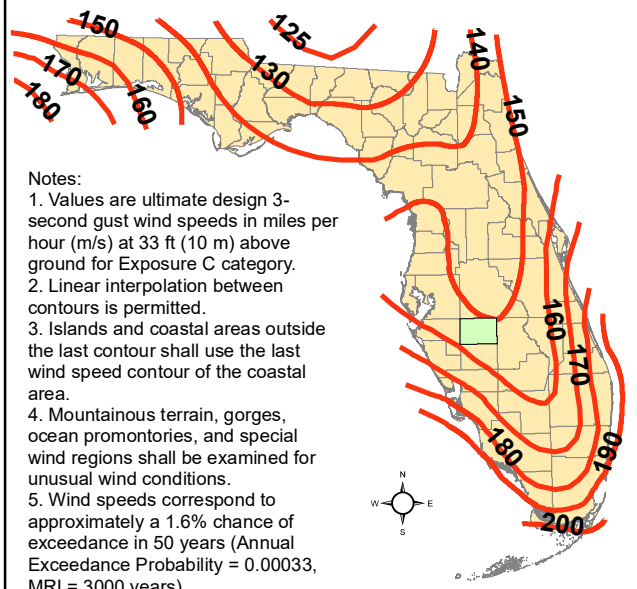
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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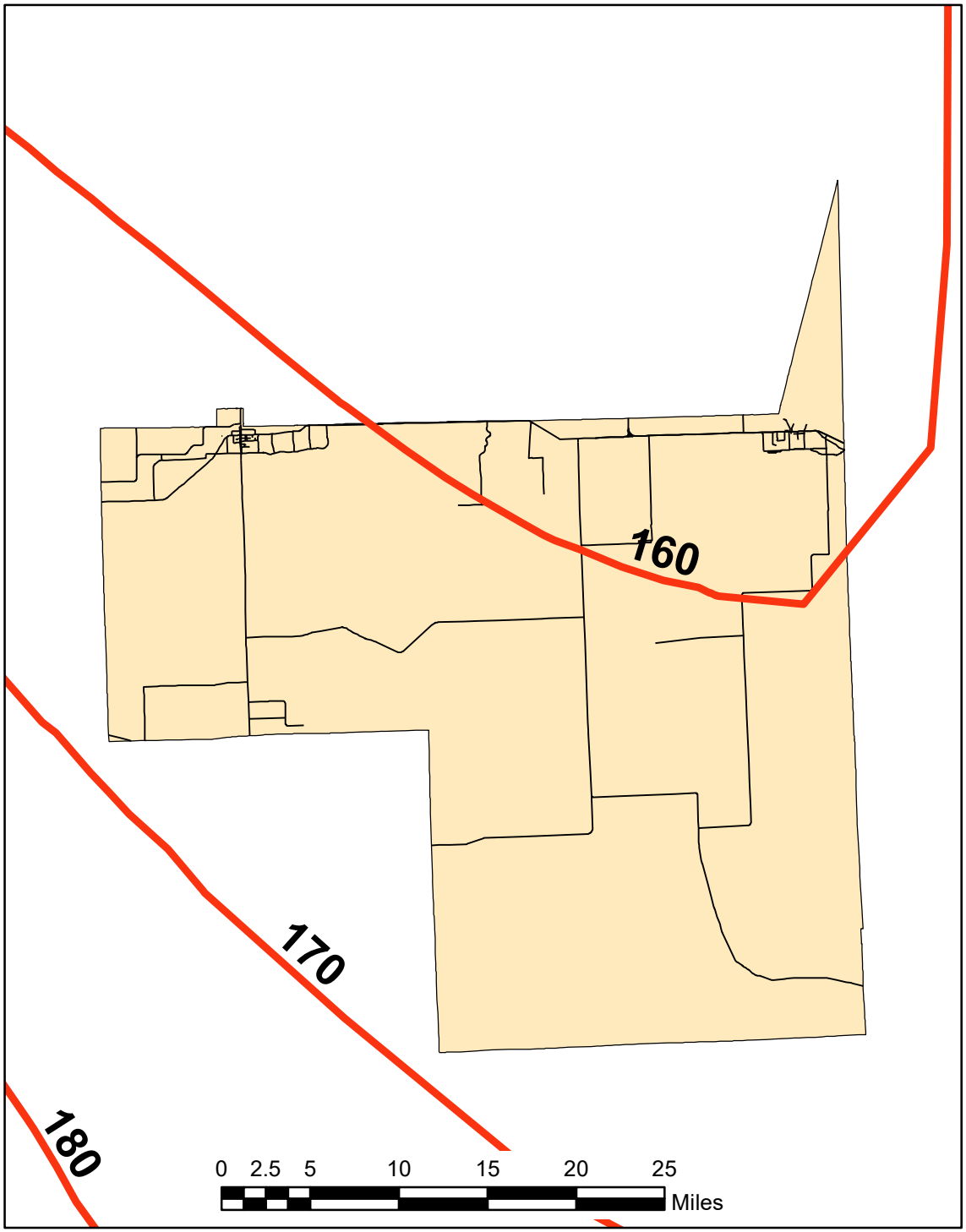
HENDRY

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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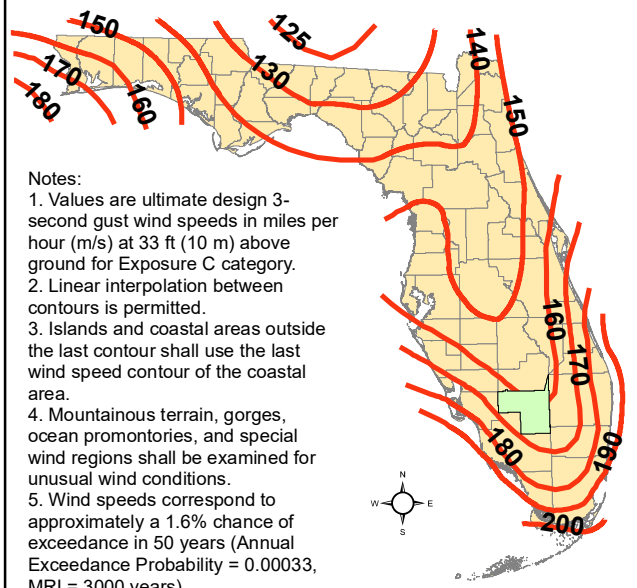
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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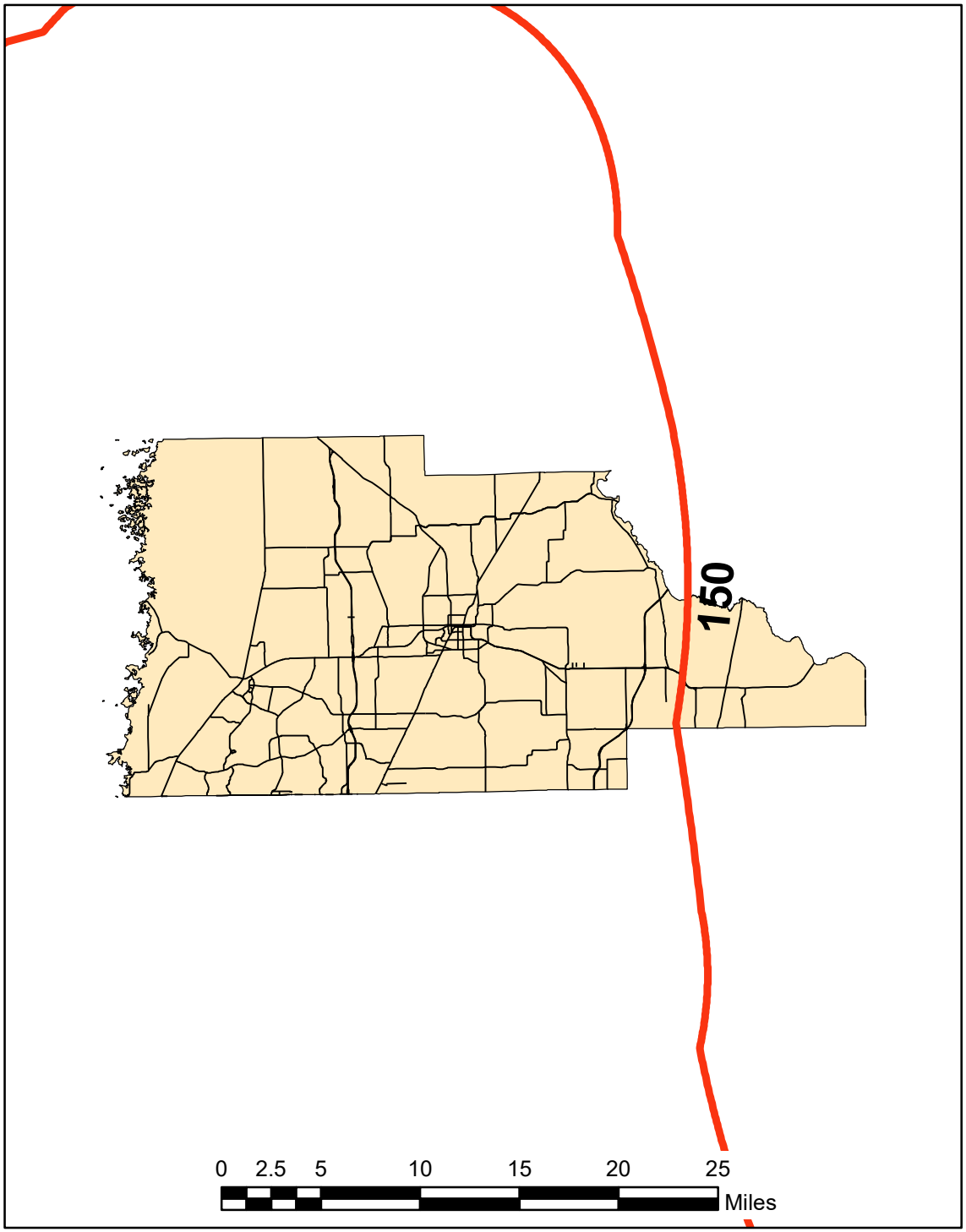
HERNANDO

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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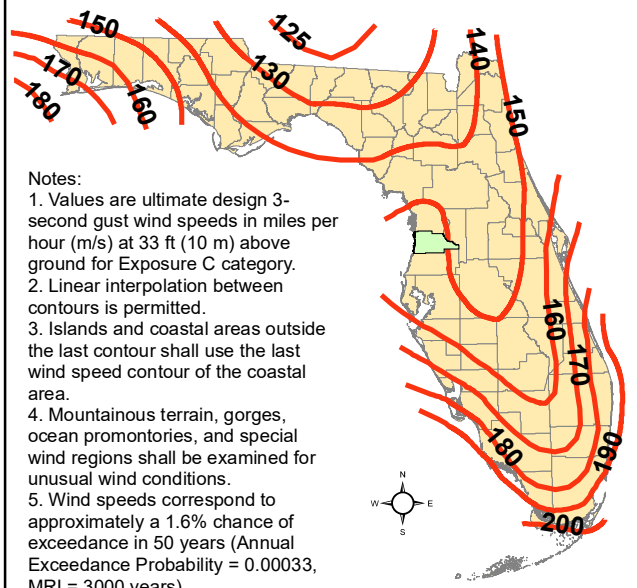
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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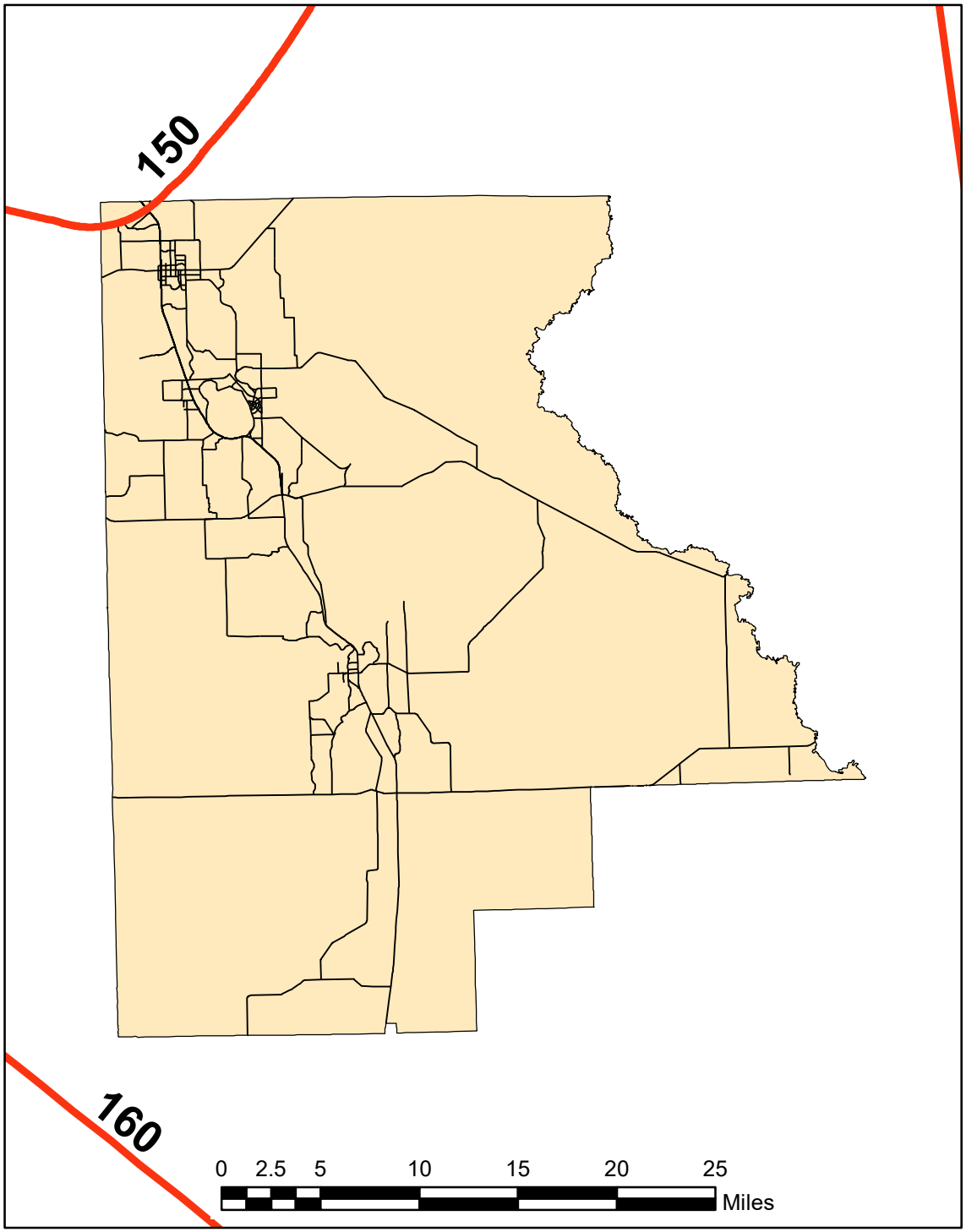

June 2nd, 2020

HIGHLANDS

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings

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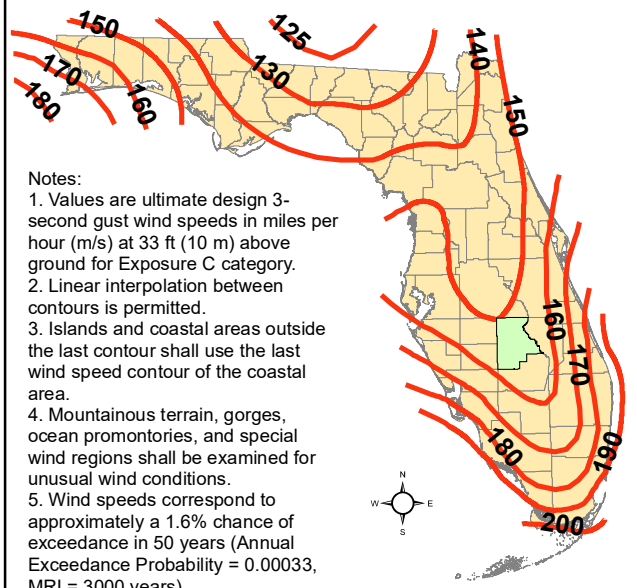
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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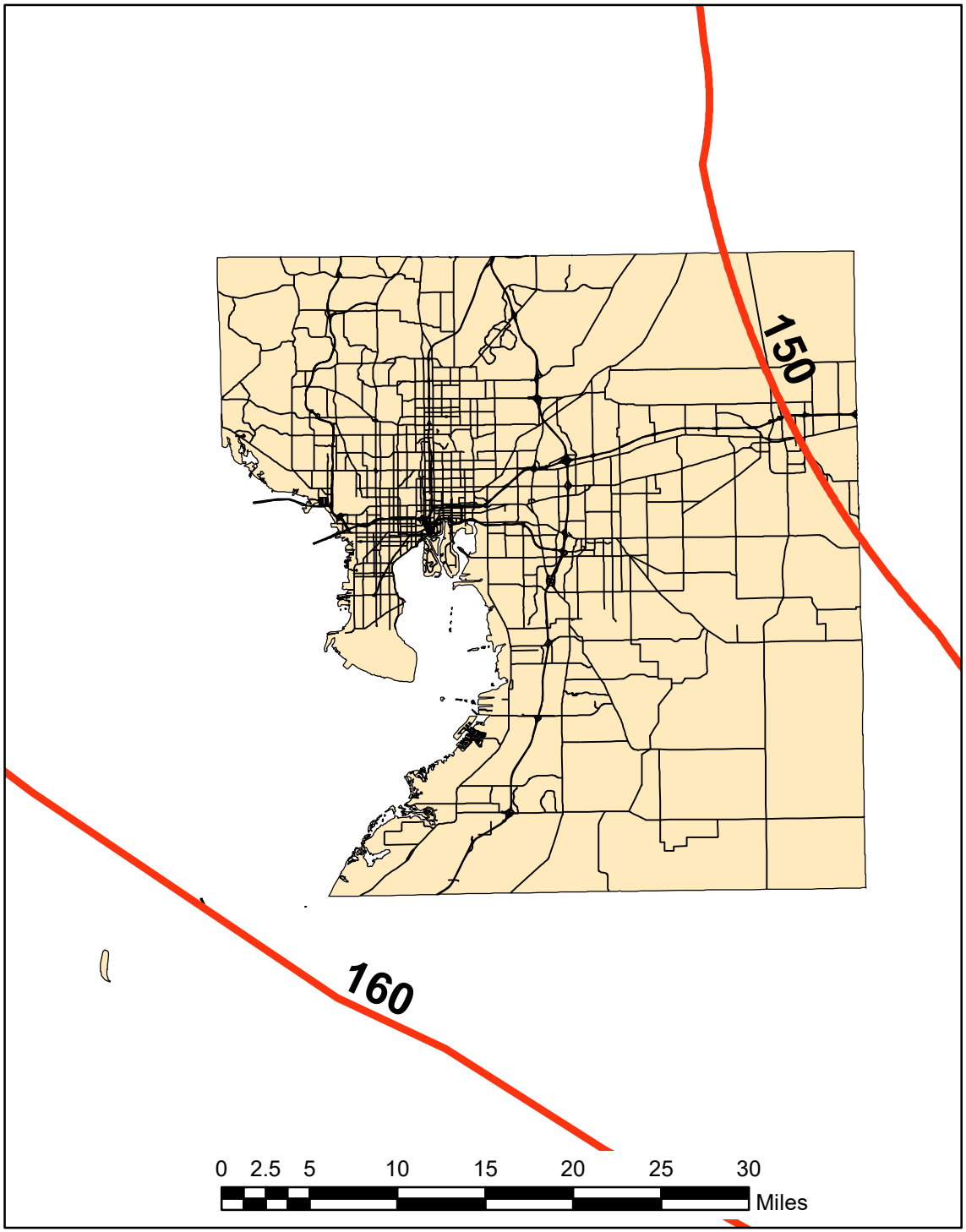
HILLSBOROUGH

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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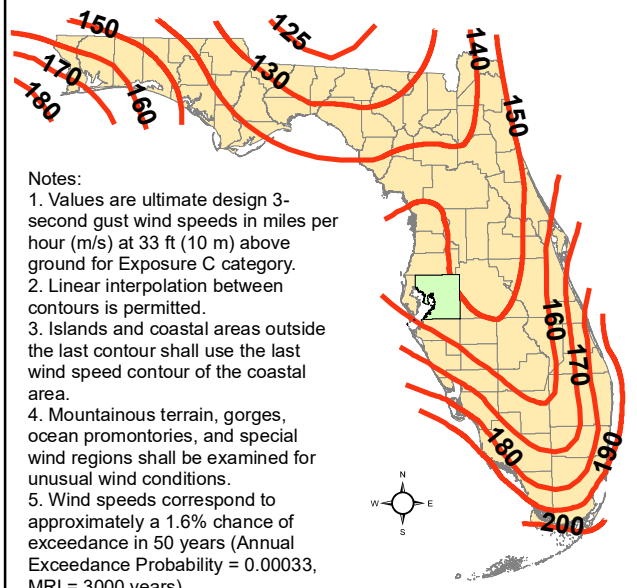
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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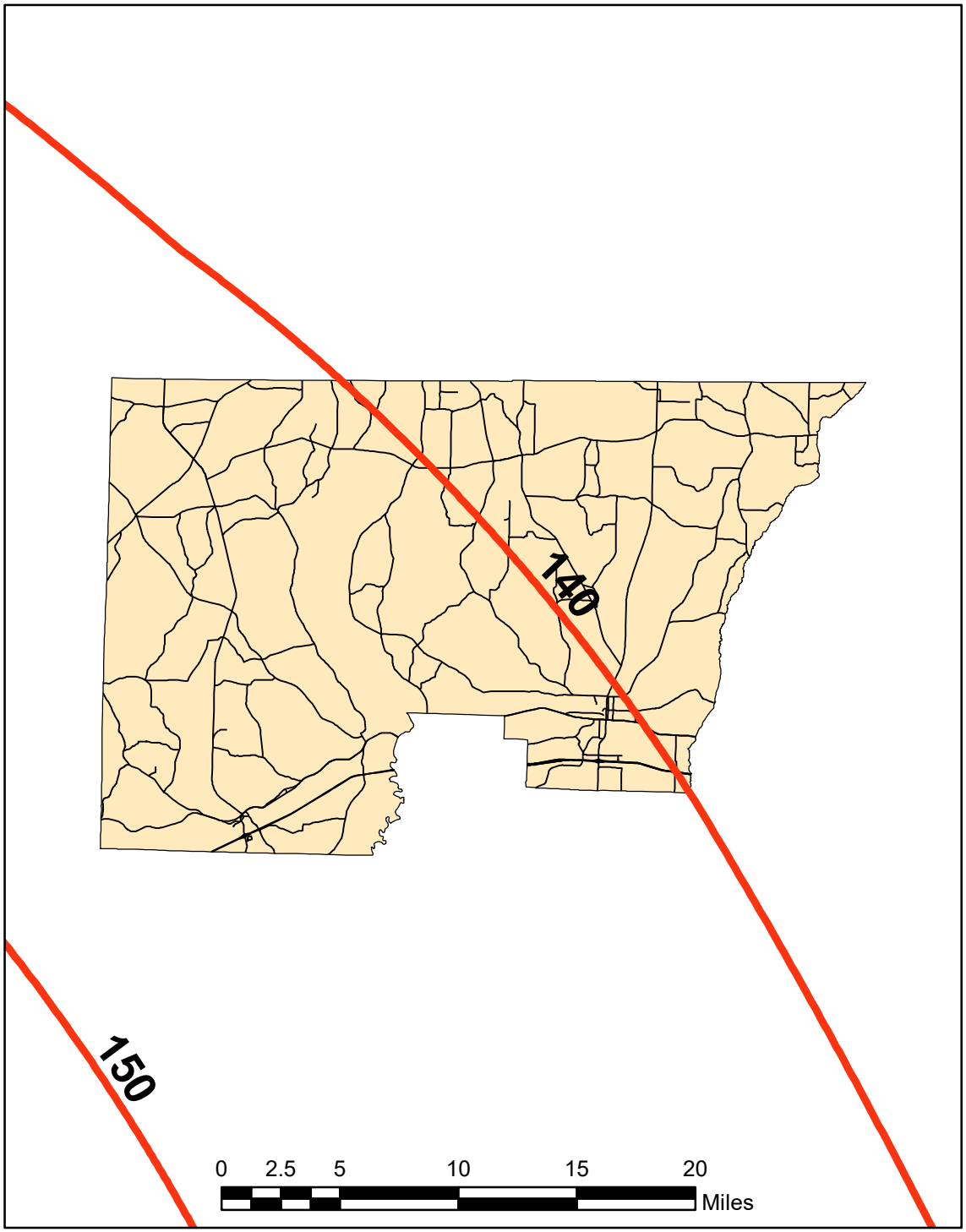
HOLMES

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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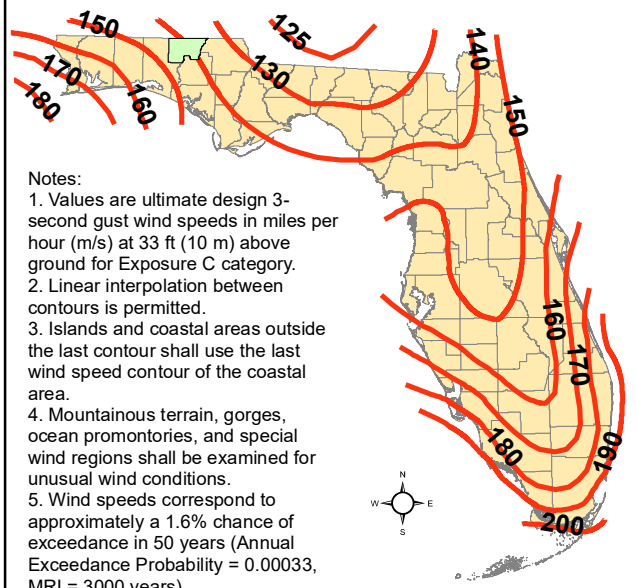

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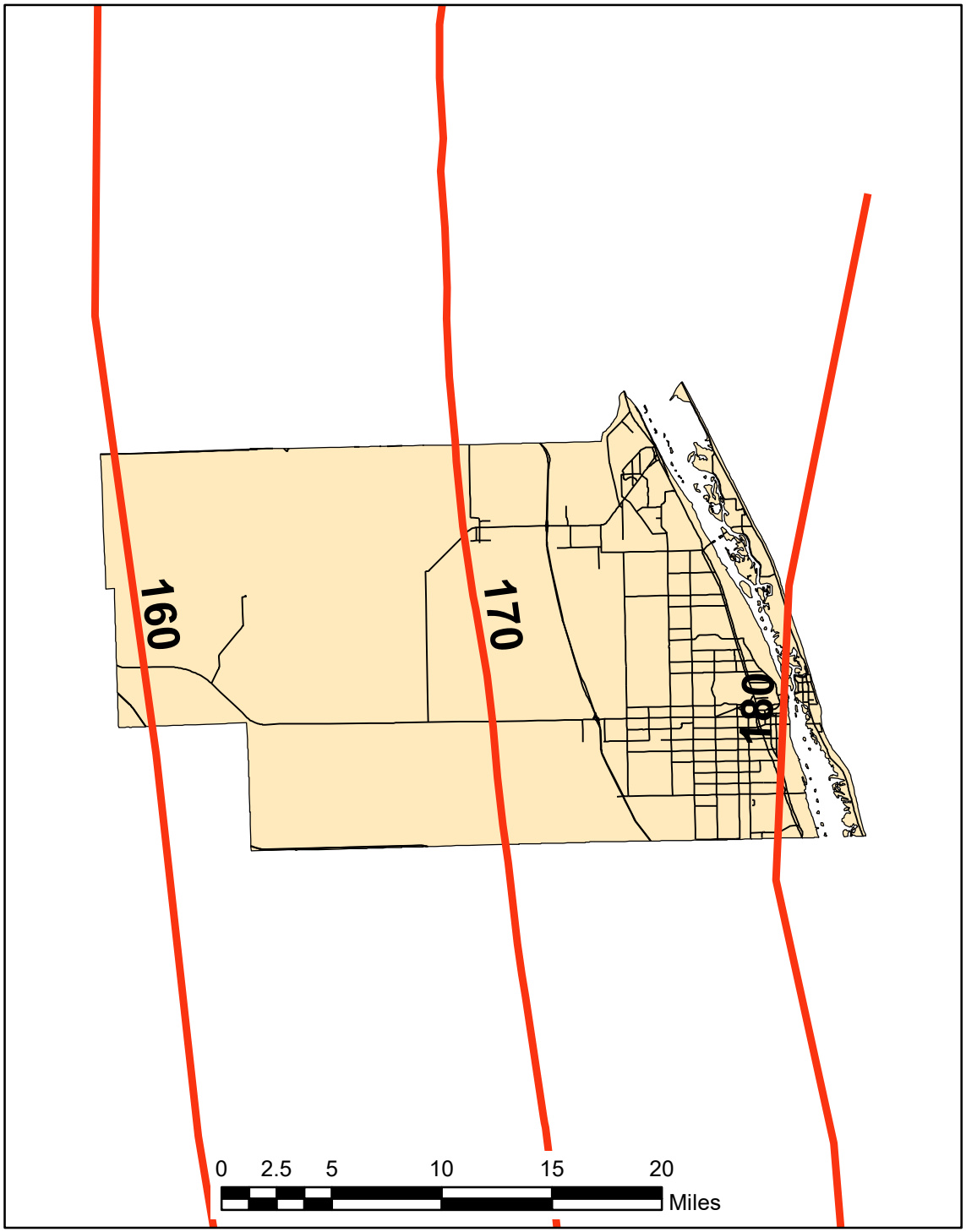
INDIANRIVER

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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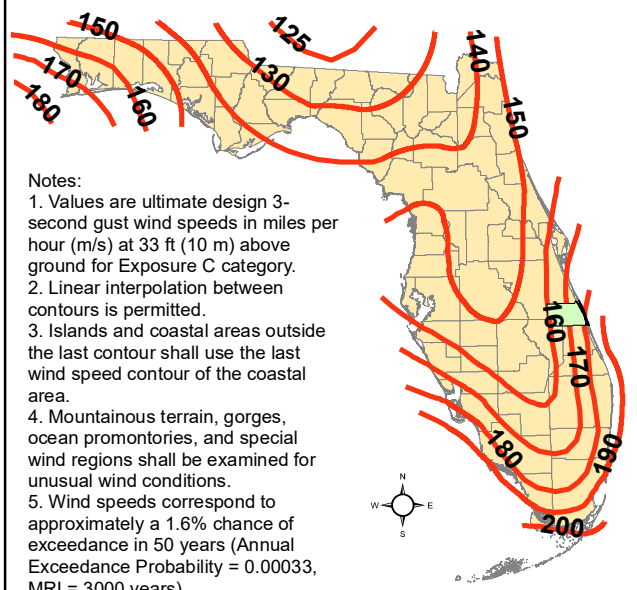

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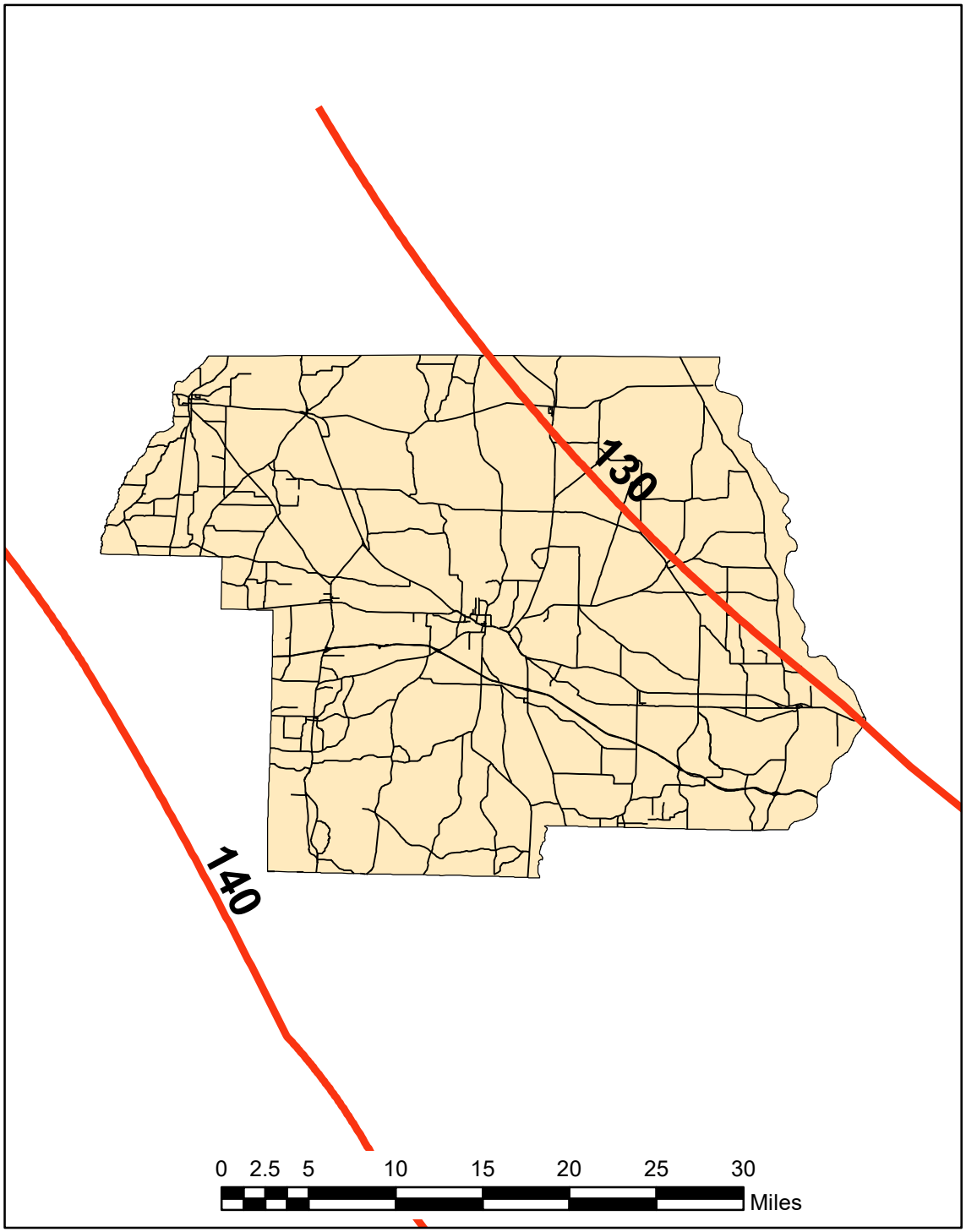
JACKSON

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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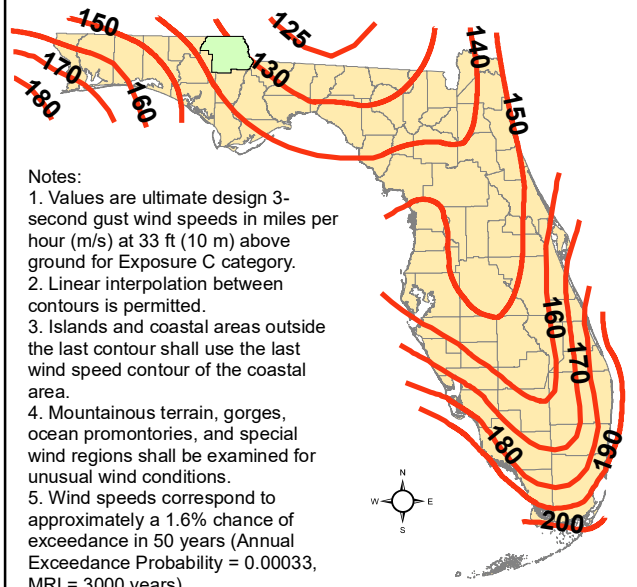
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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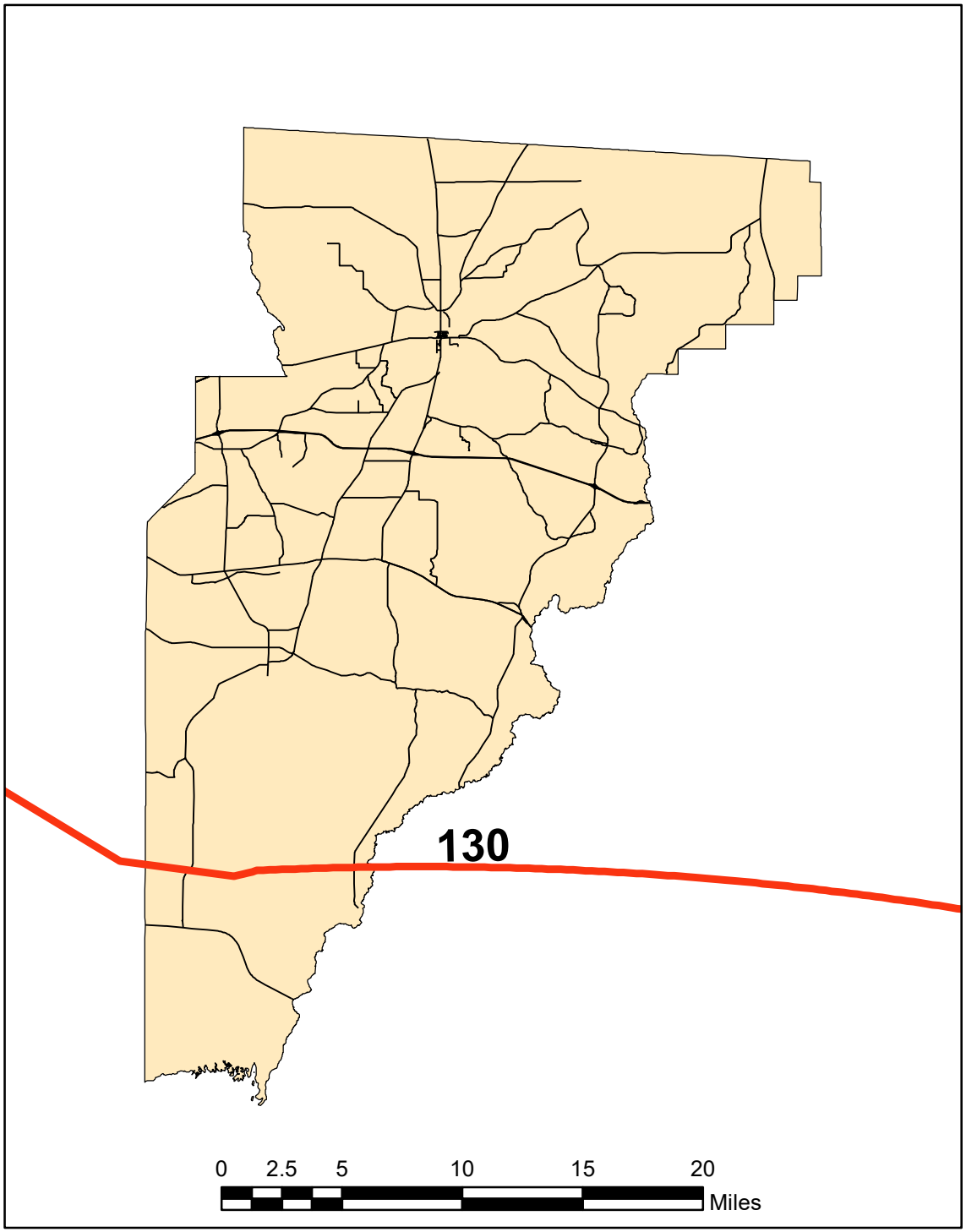
JEFFERSON

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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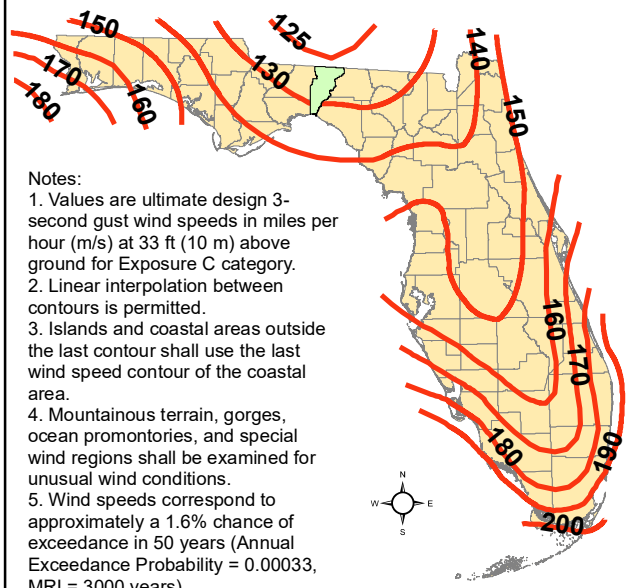
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures

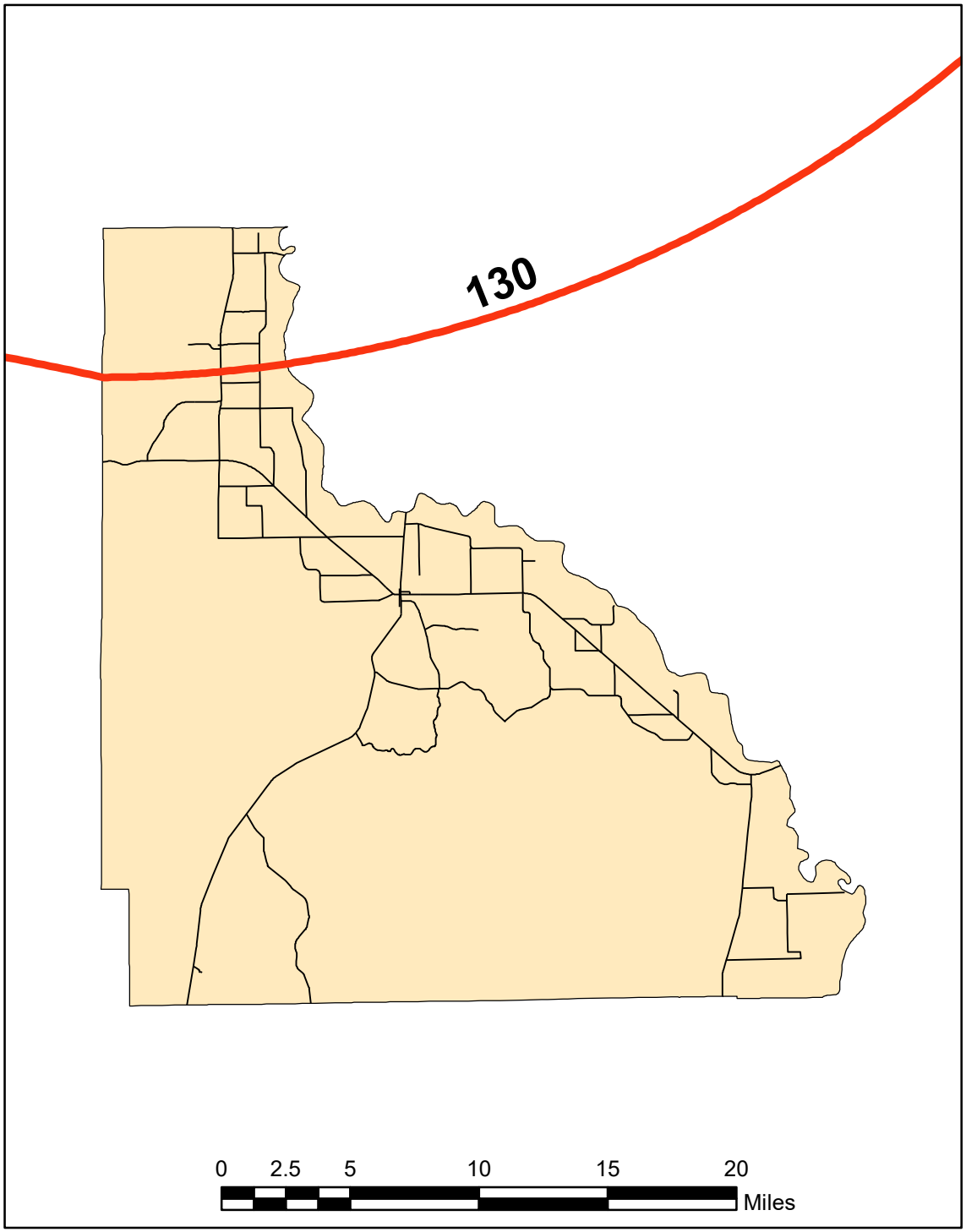


Notes:
1. Values are ultimate design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal 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 1.6% chance of exceedance in 50 years (Annual Exceedance Probability = 0.00033, MRI = 3000 years).

Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

LAFAYETTE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



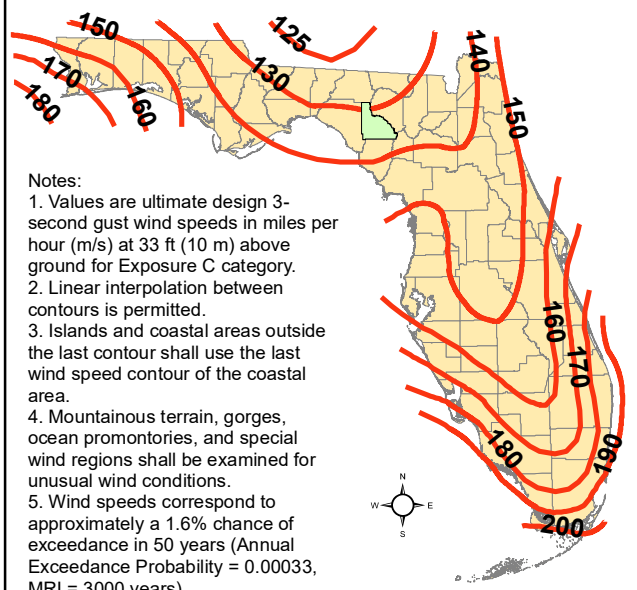
June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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 Vult is 130 mph (58 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (63.6 m/s) or greater

For Risk Category II buildings and other structures and Risk Category III buildings and other structures, except health care facilities, the windborne debris region shall be based on Figure 1609.3(1). For Risk Category III health care facilities, the windborne debris region shall be based on Figure 1609.3(2). For Risk Category IV buildings and other structures, the windborne debris region shall be based on Figure 1609.3(3).

Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
1. Values are ultimate design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.
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3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
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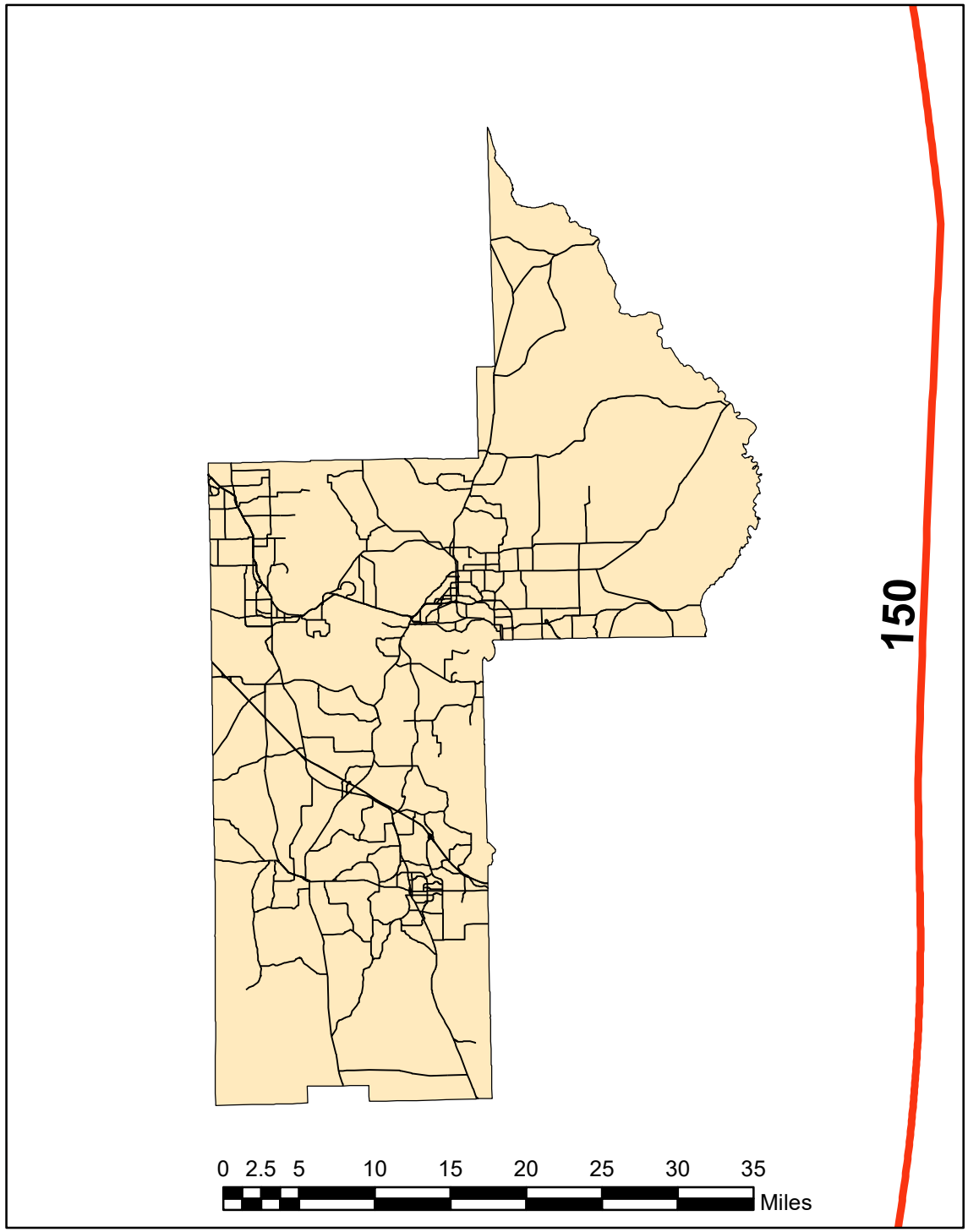
Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

LAKE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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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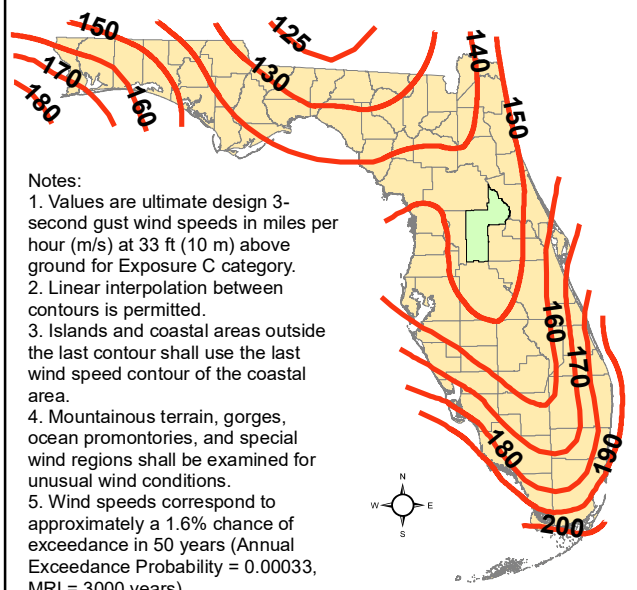
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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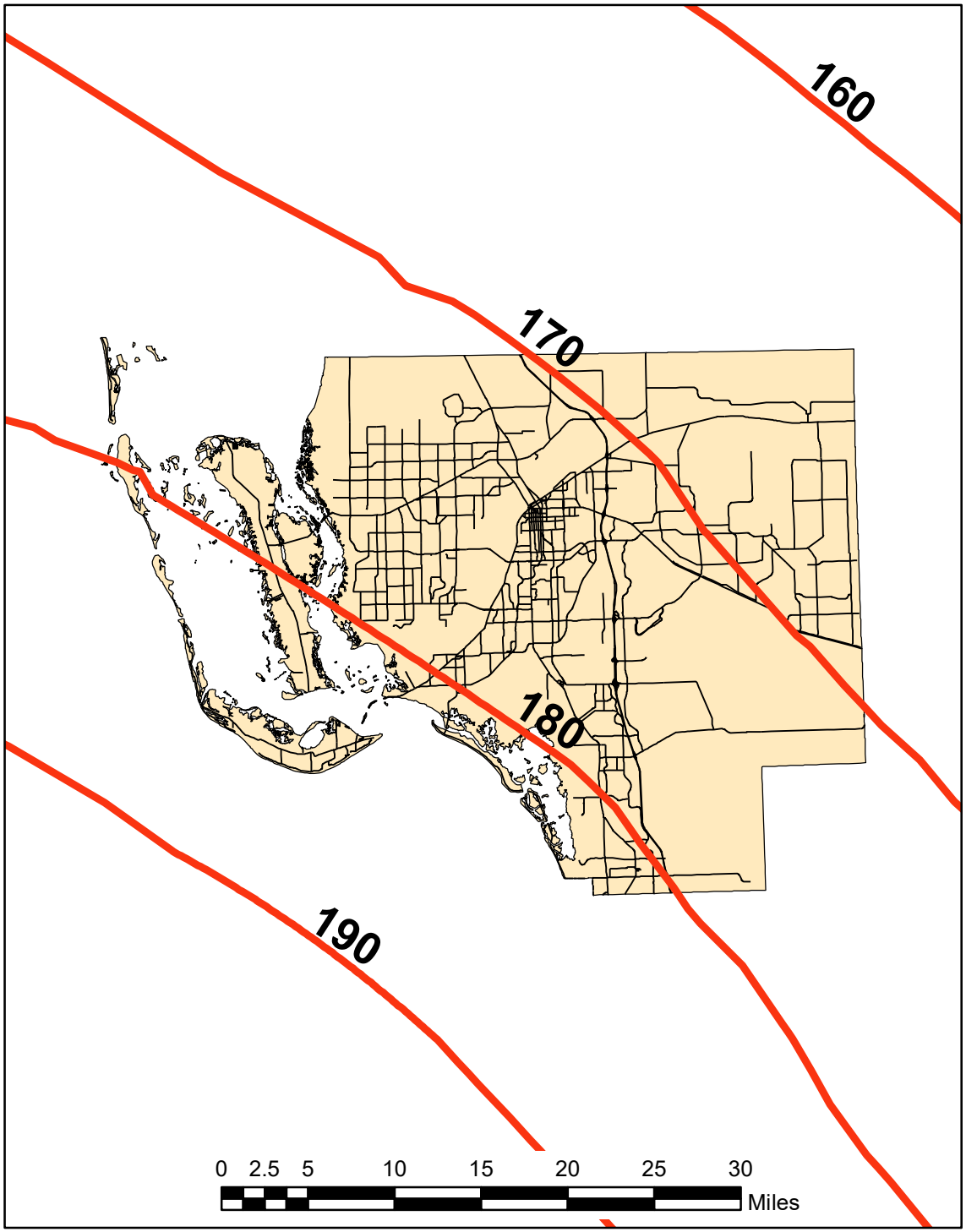
LEE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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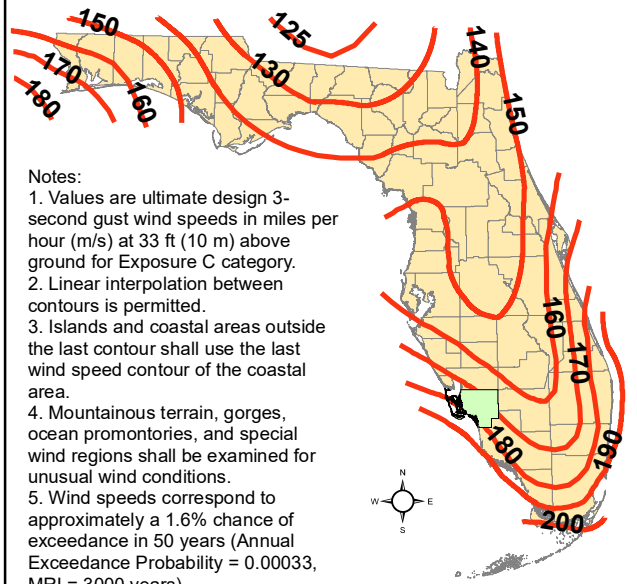
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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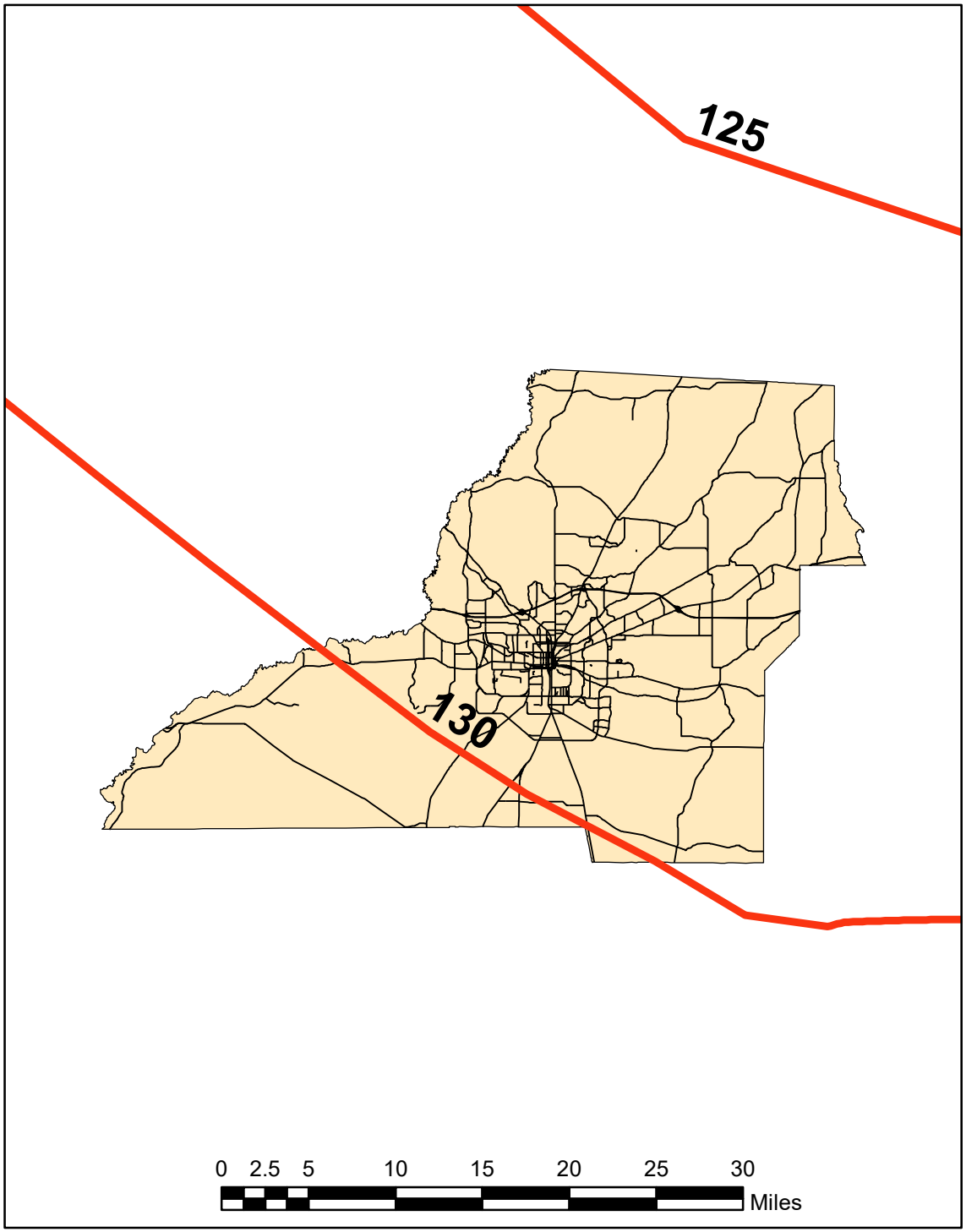
5. Wind speeds correspond to approximately a 1.6% chance of exceedance in 50 years (Annual Exceedance Probability = 0.00033, MRI = 3000 years).

Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

LEON

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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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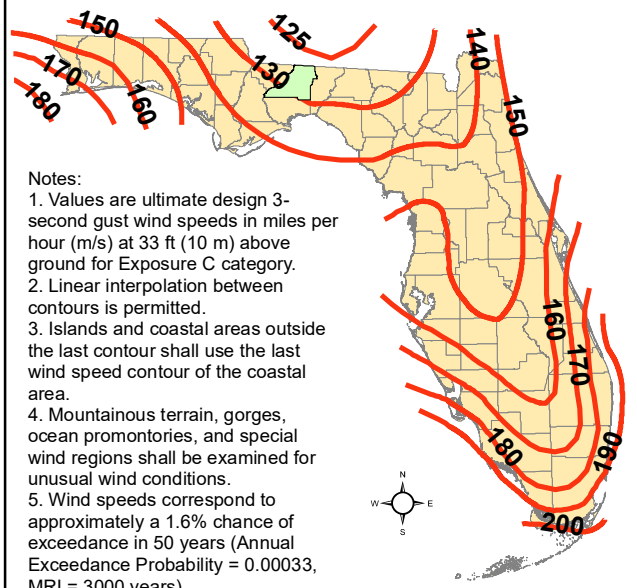
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
1. Values are ultimate design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.
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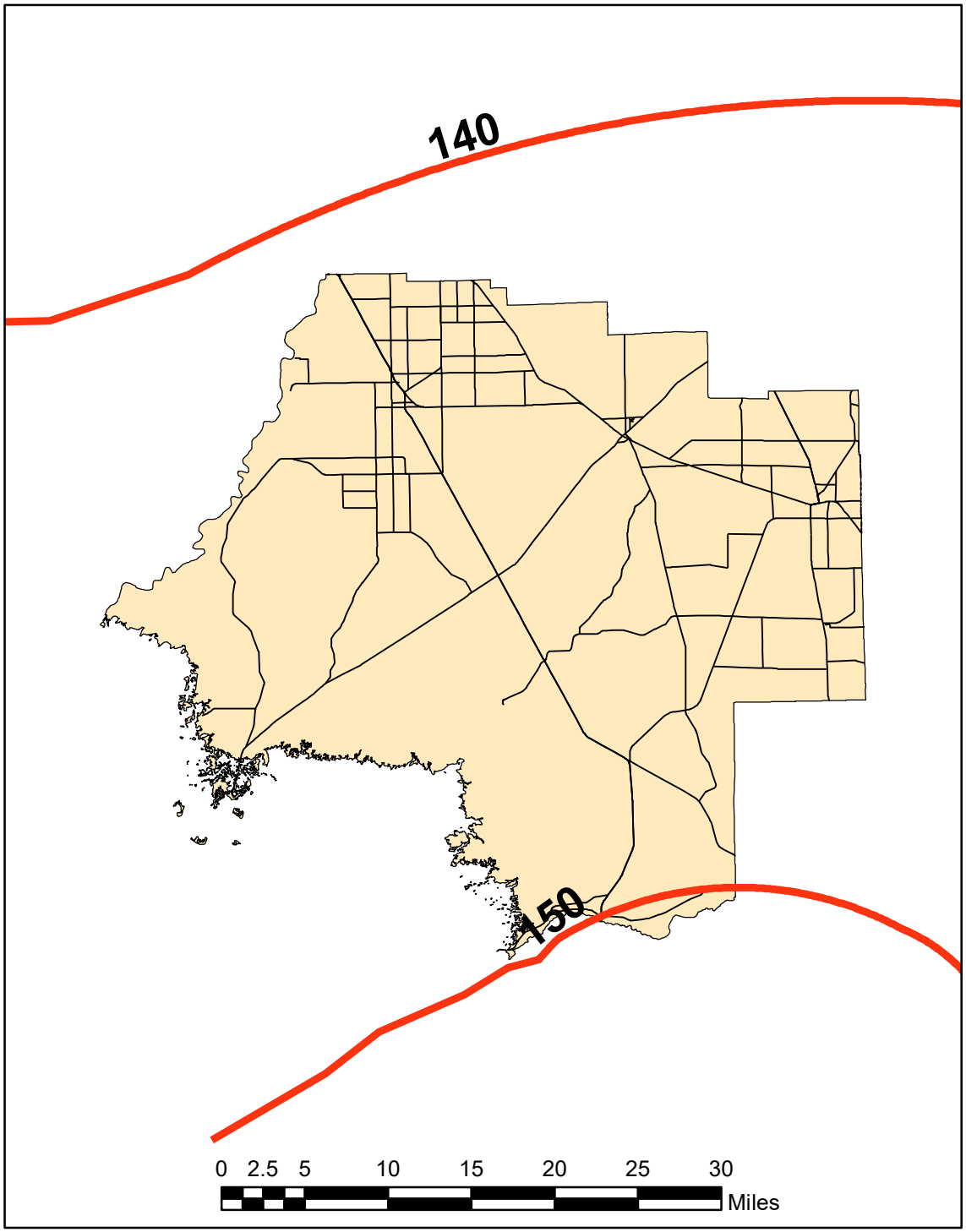
Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

LEVY

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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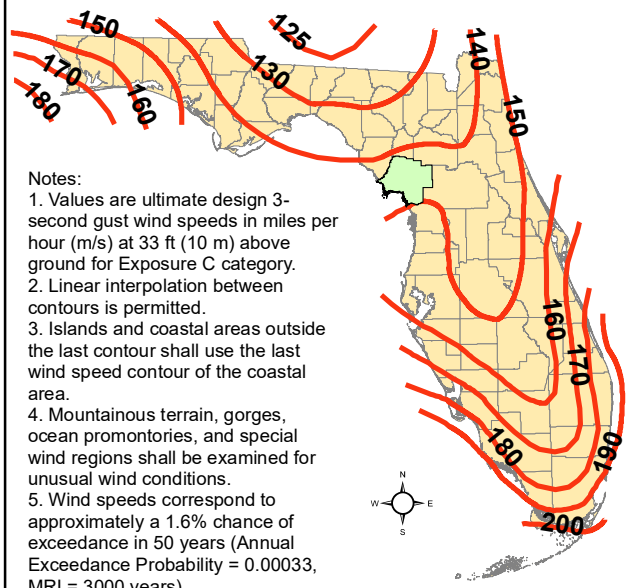
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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2. Linear interpolation between contours is permitted.
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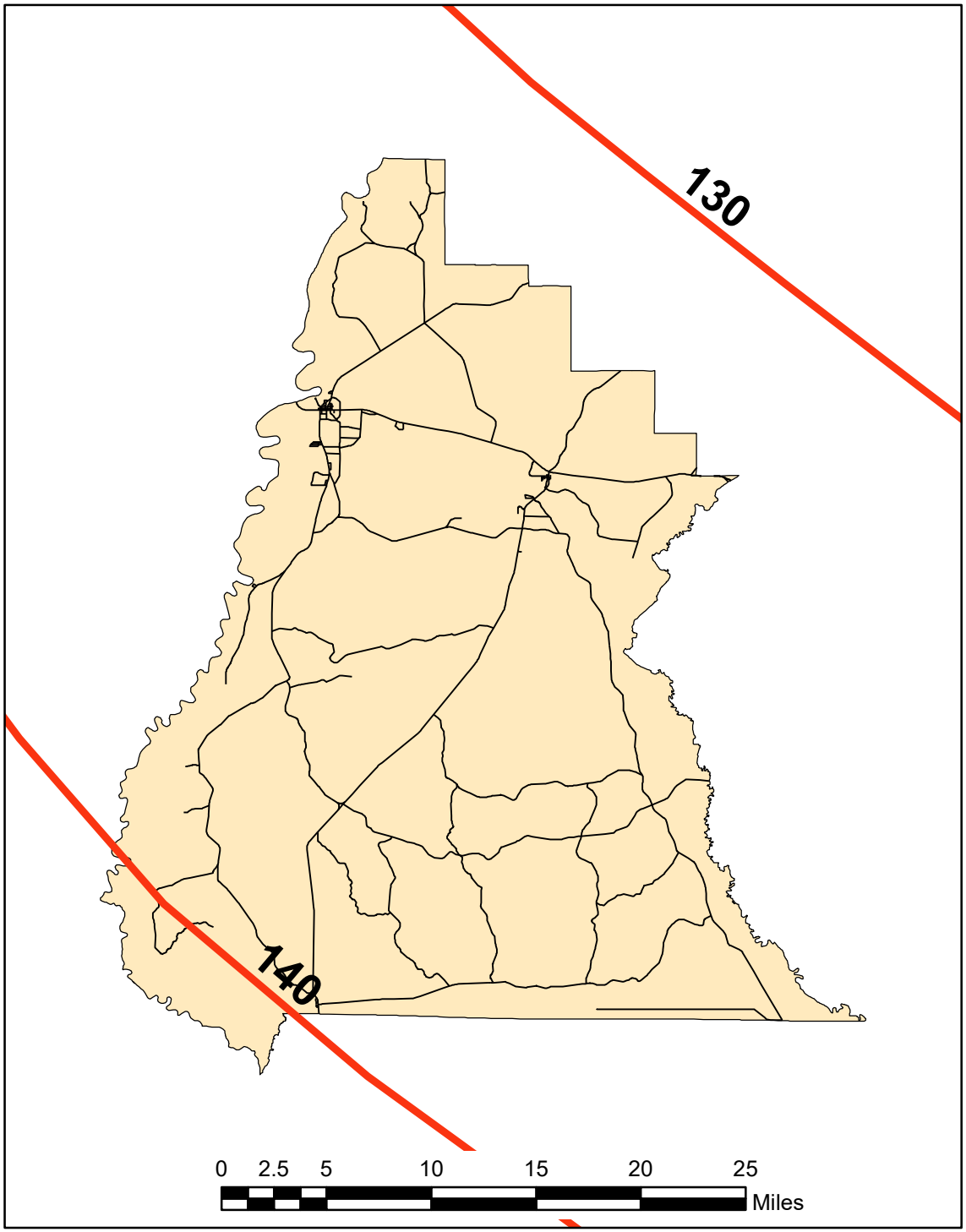
LIBERTY

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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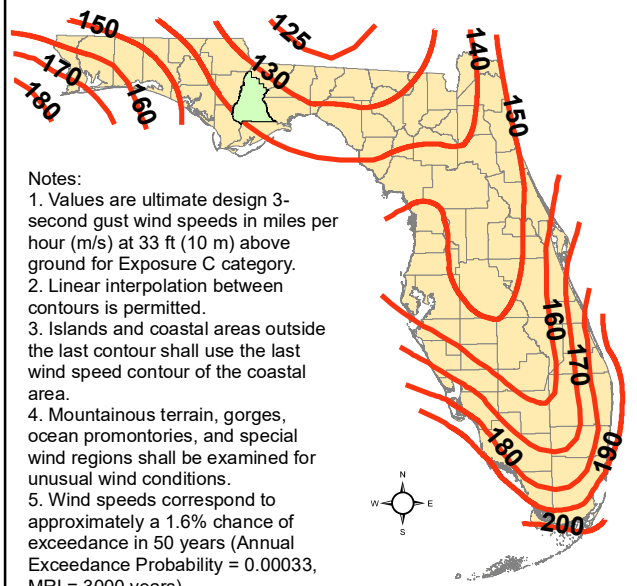
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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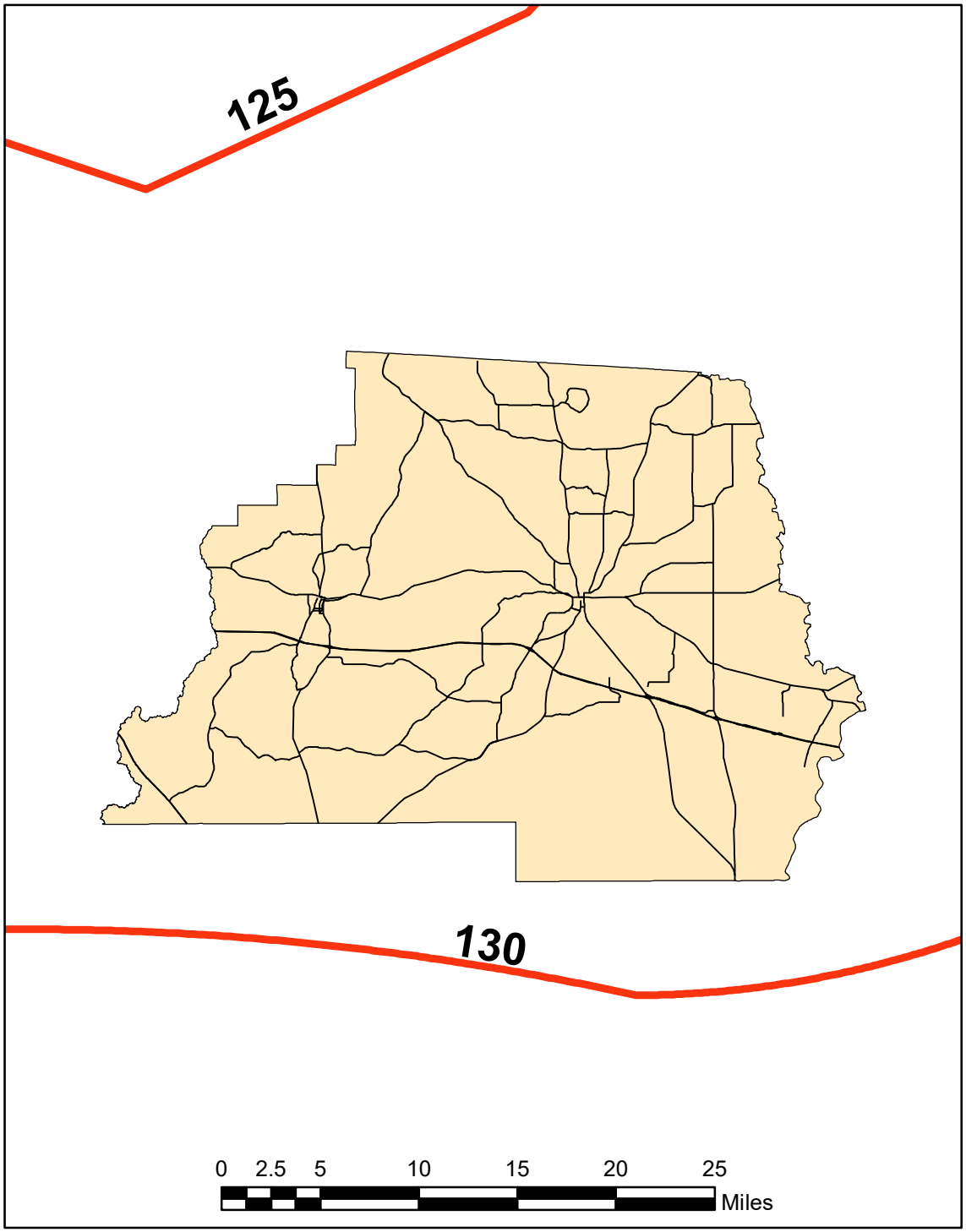
MADISON

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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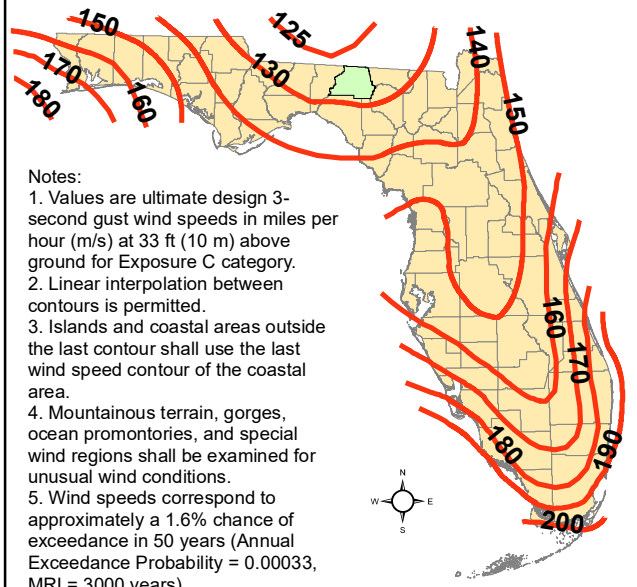
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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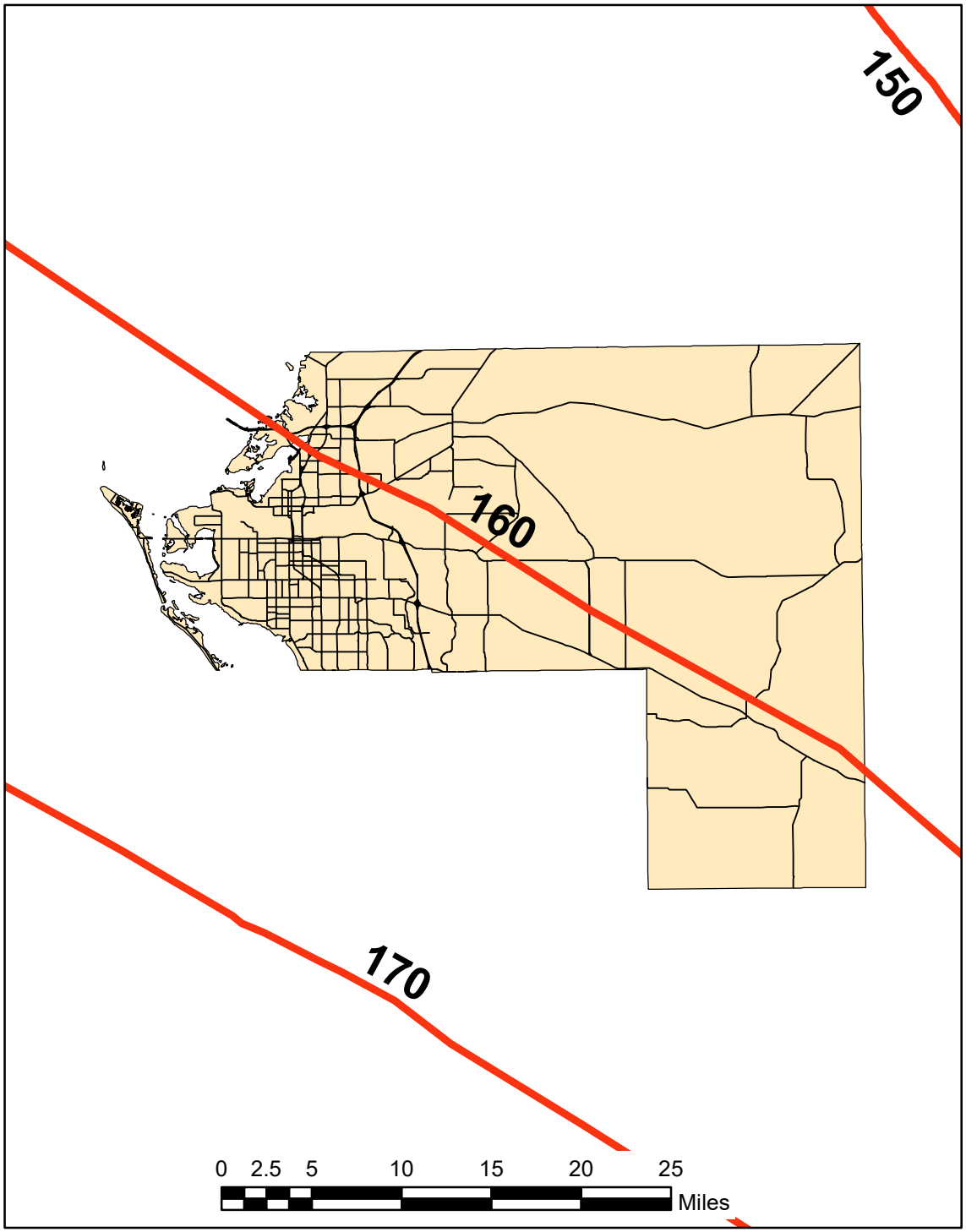
MANATEE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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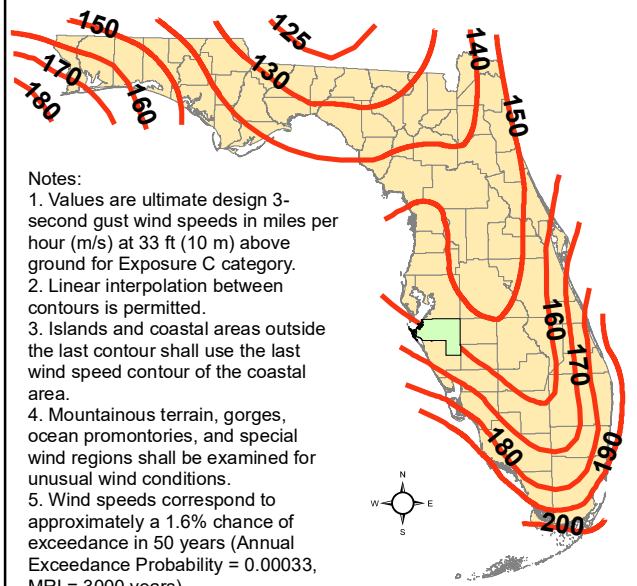
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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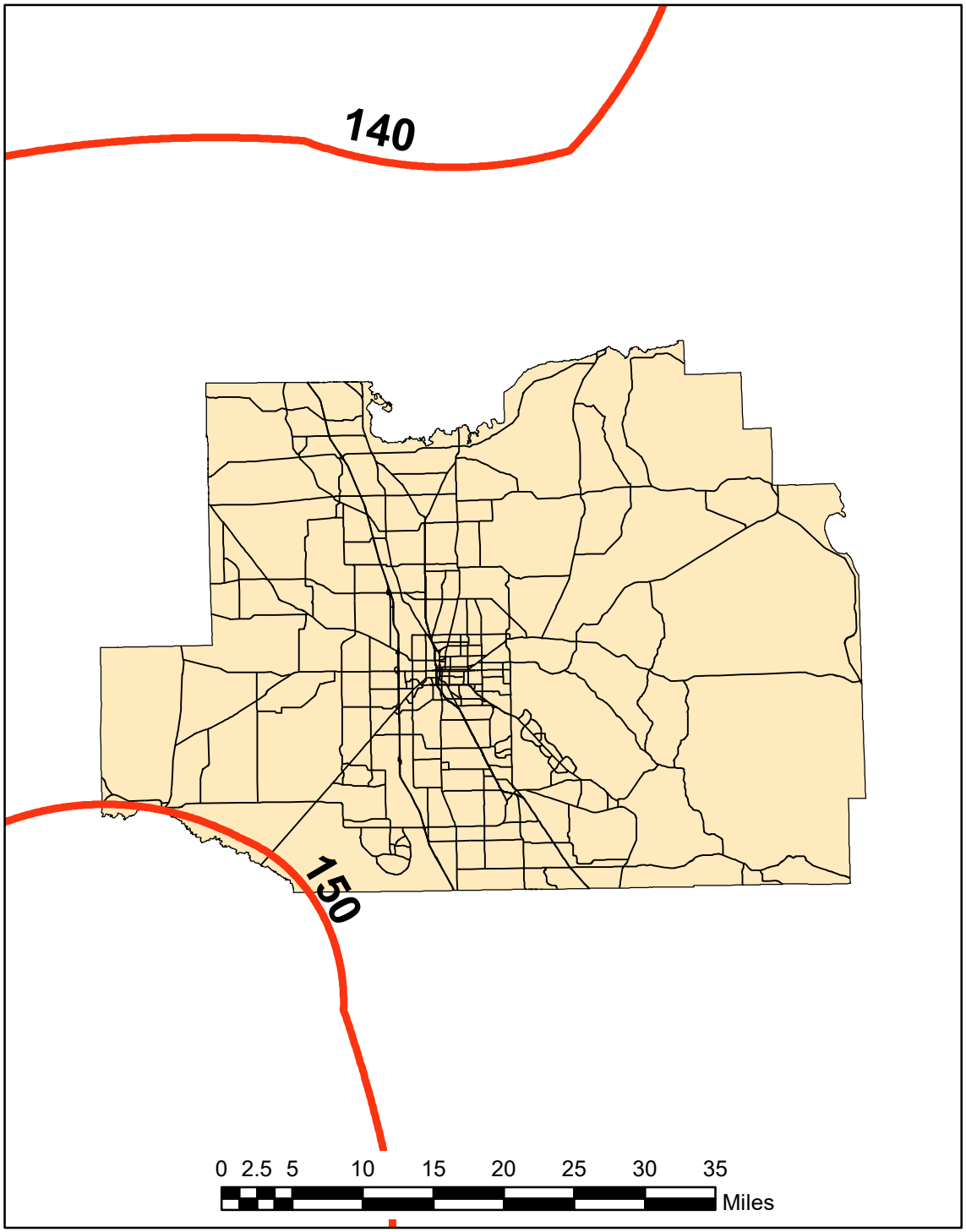
MARION

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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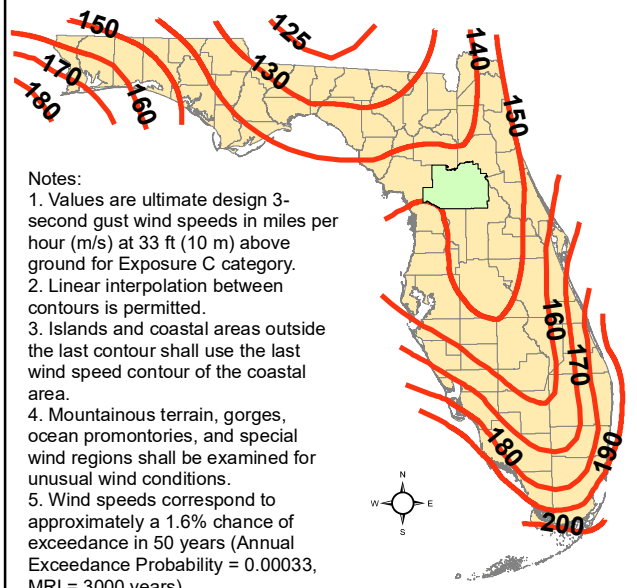

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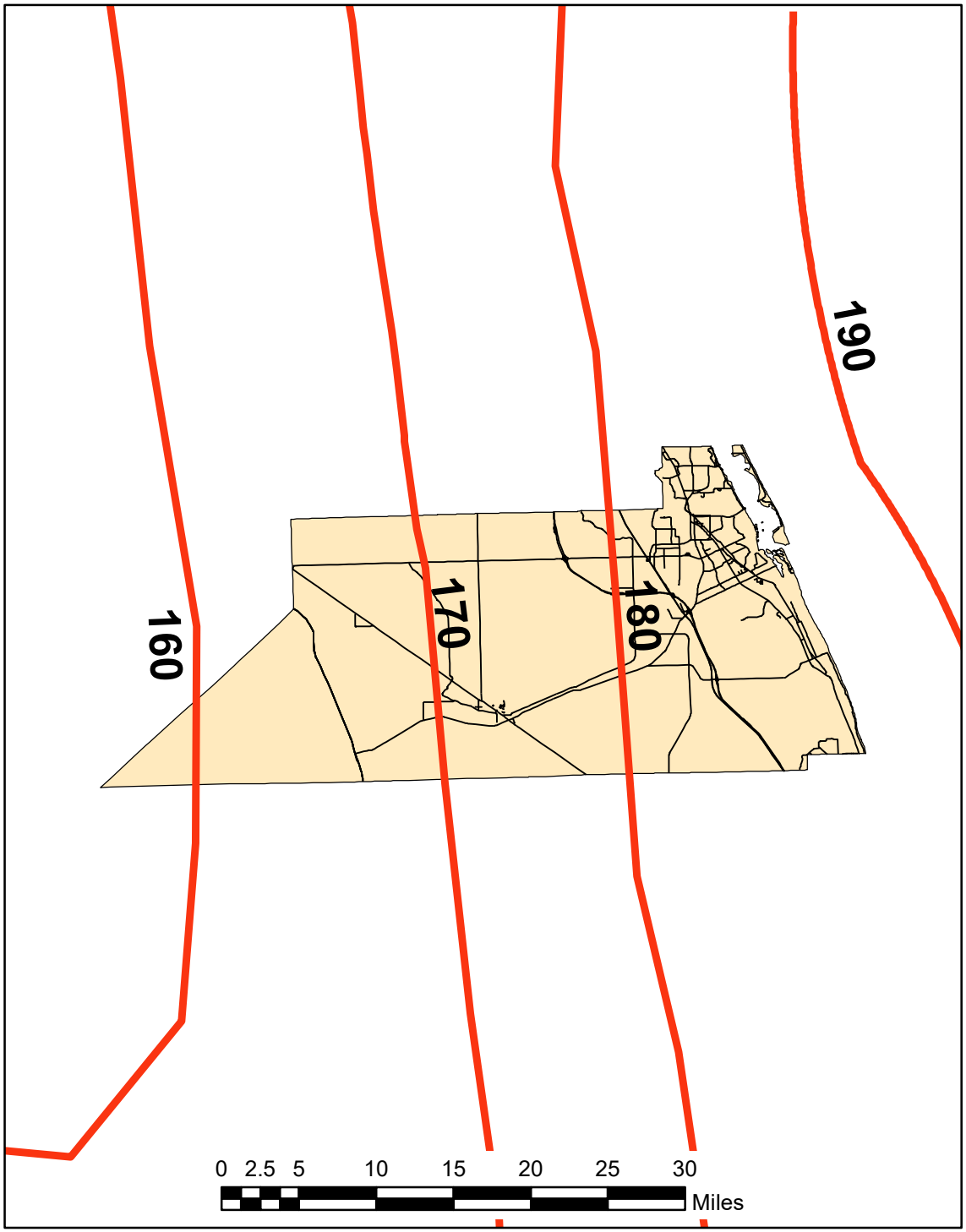
MARTIN

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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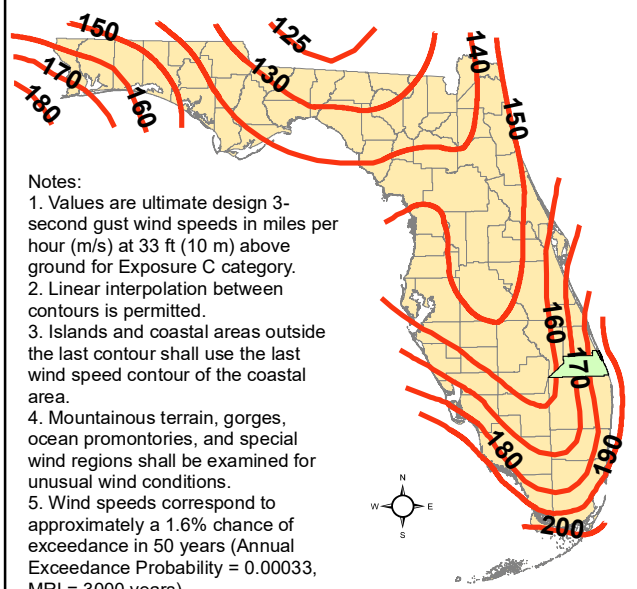
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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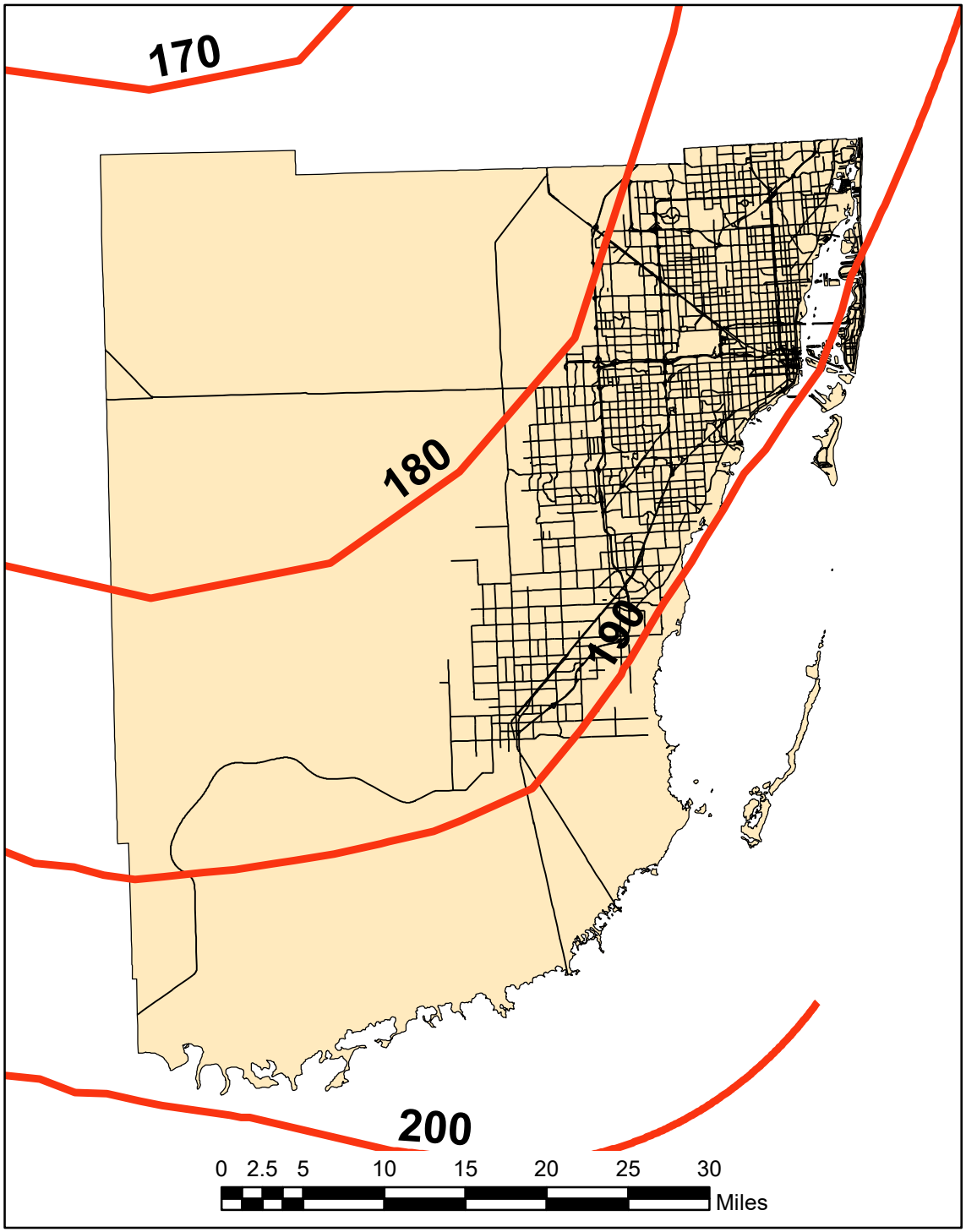
Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020



June 2nd, 2020

MIAMI-DADE

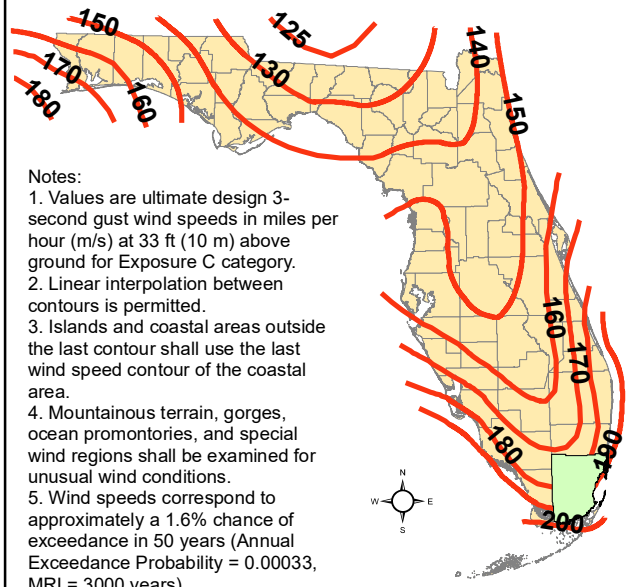
Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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 Vult is 130 mph (58 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (63.6 m/s) or greater

For Risk Category II buildings and other structures and Risk Category III buildings and other structures, except health care facilities, the windborne debris region shall be based on Figure 1609.3(1). For Risk Category III health care facilities, the windborne debris region shall be based on Figure 1609.3(2). For Risk Category IV buildings and other structures, the windborne debris region shall be based on Figure 1609.3(3).

Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures

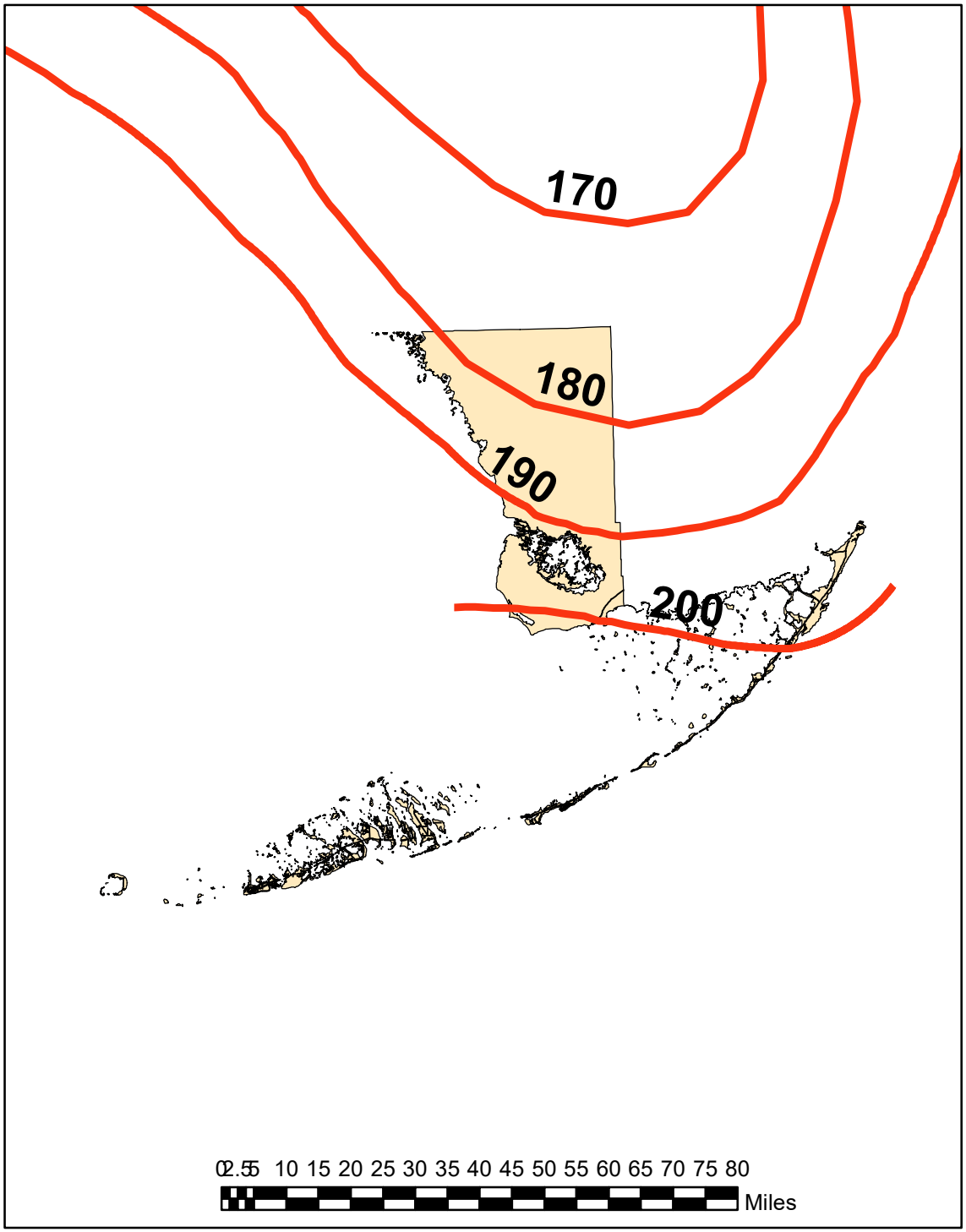


Notes:
1. Values are ultimate design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal 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 1.6% chance of exceedance in 50 years (Annual Exceedance Probability = 0.00033, MRI = 3000 years).

Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

MONROE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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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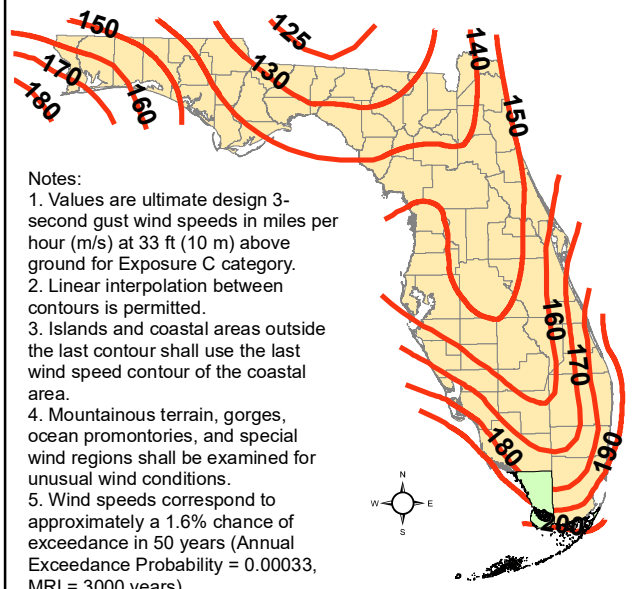
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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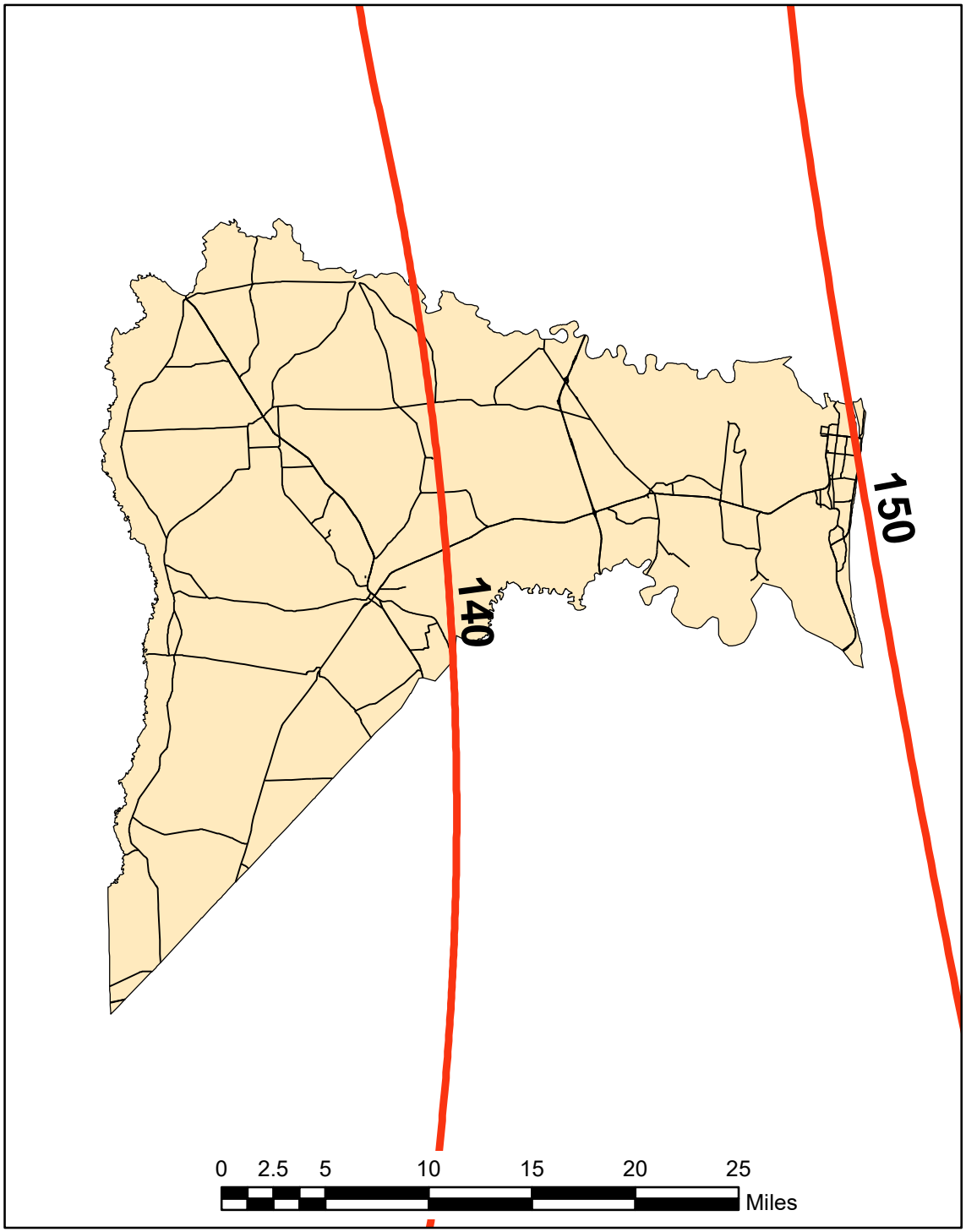
Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

NASSAU

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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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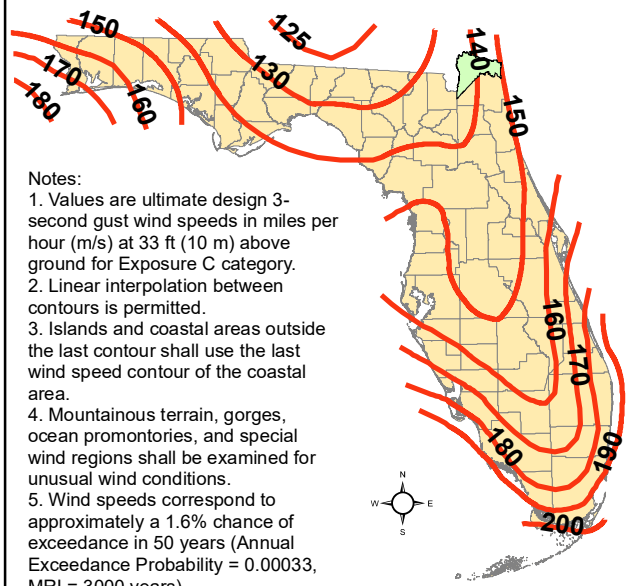
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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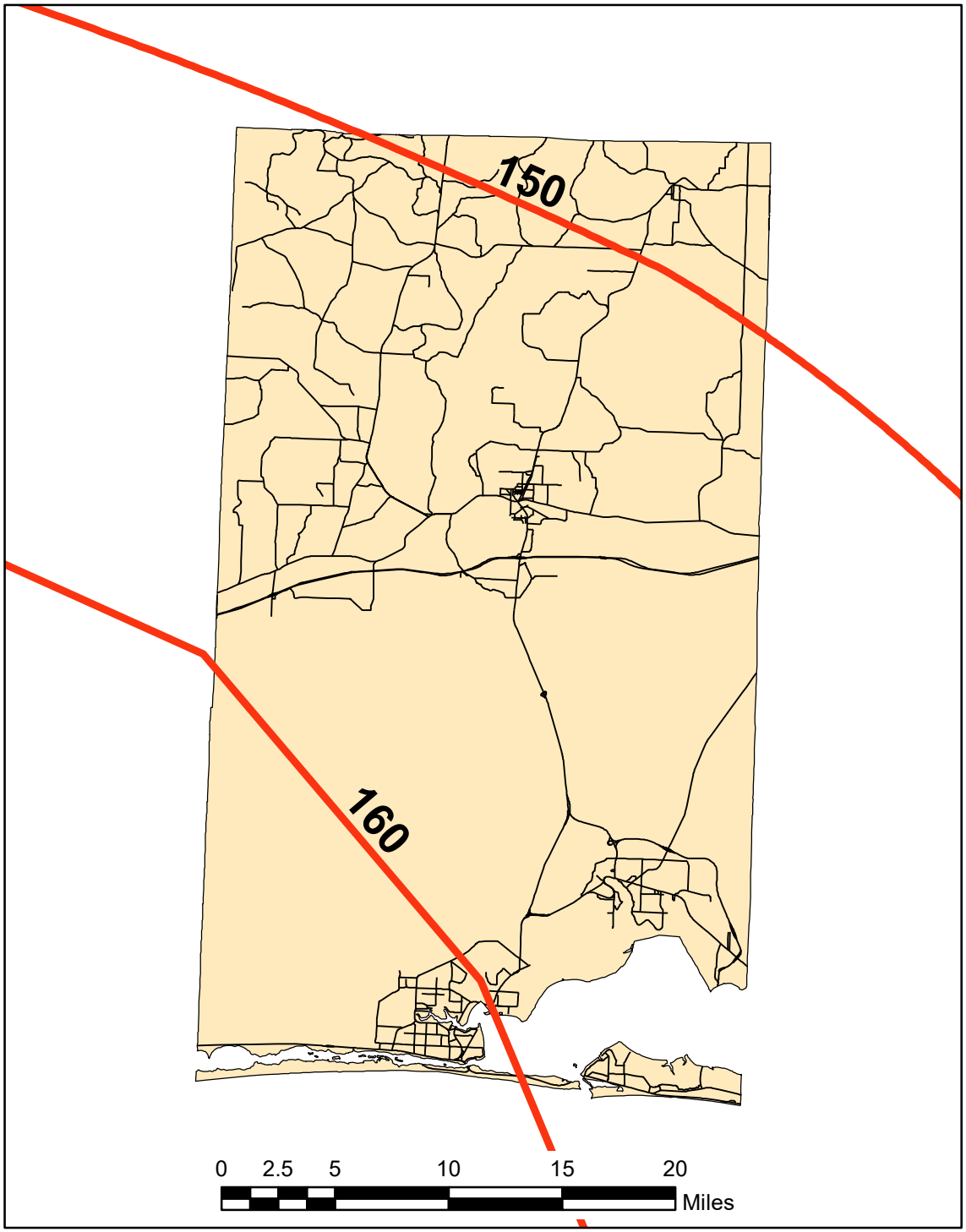
OKALOOSA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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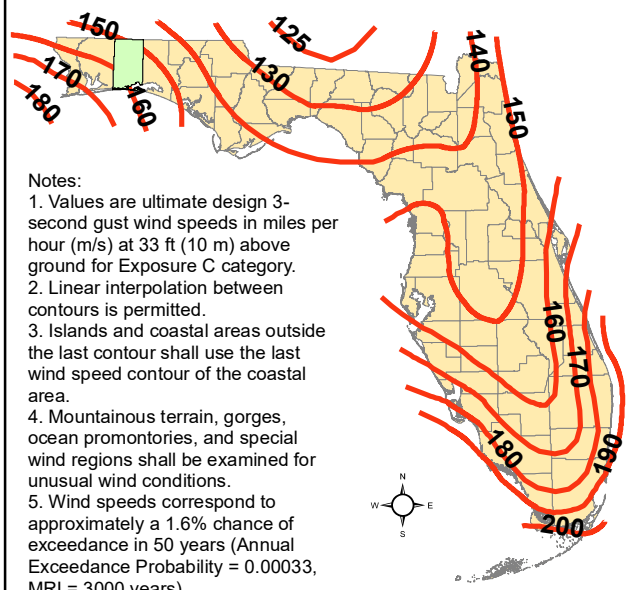
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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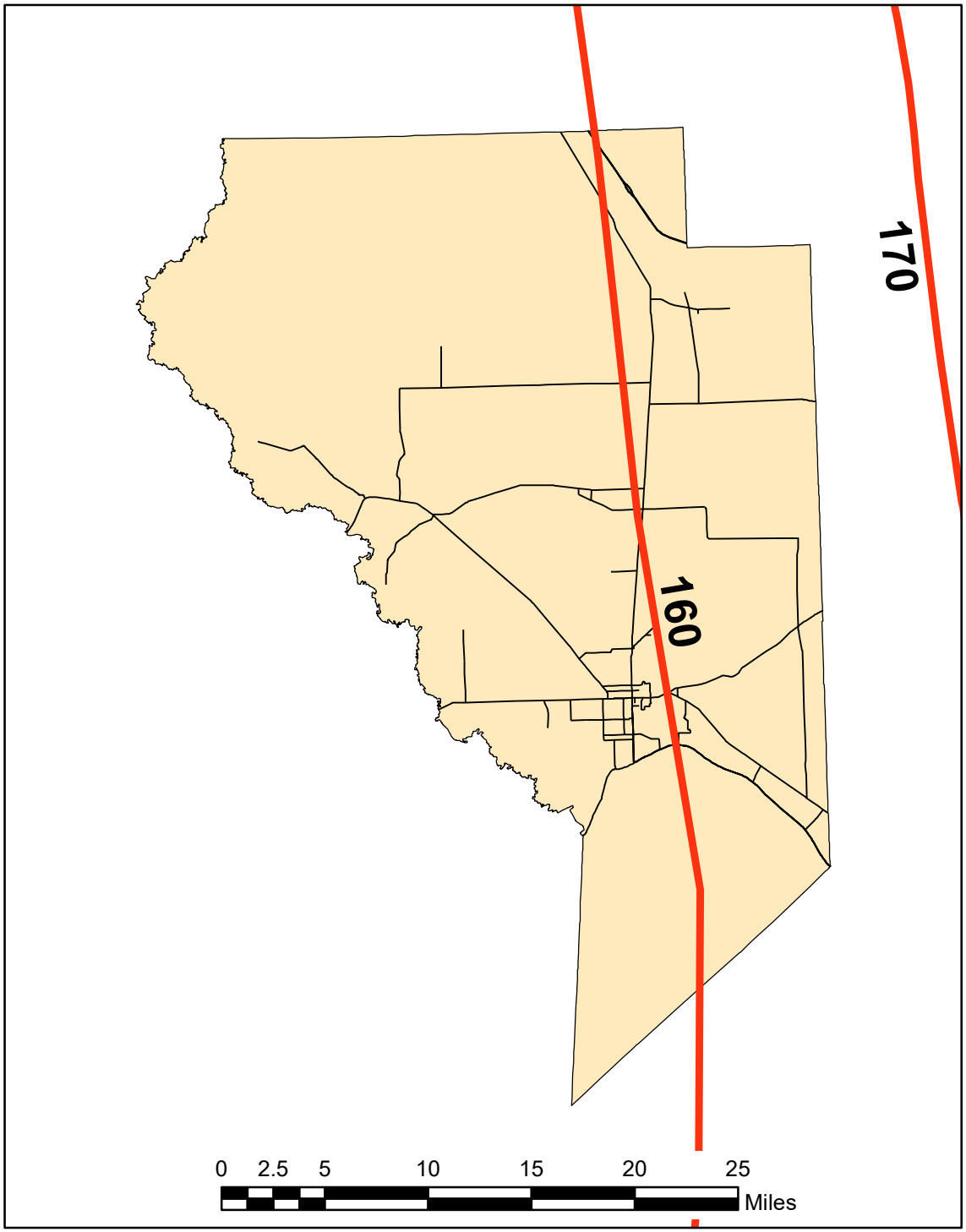
Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

OKEECHOBEE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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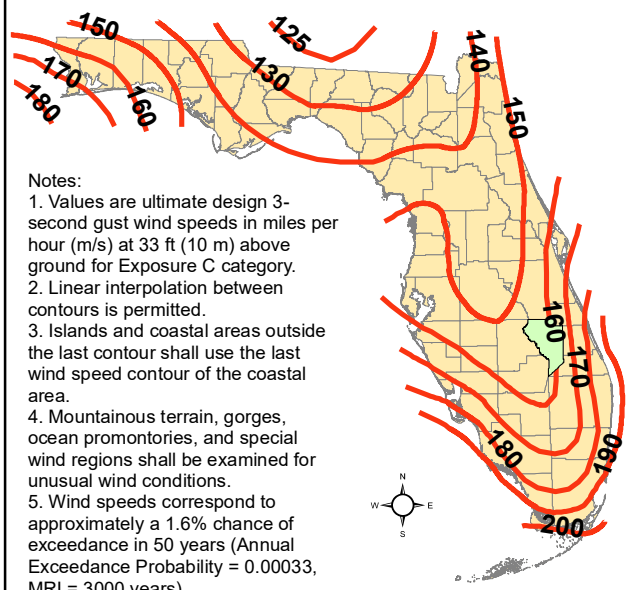
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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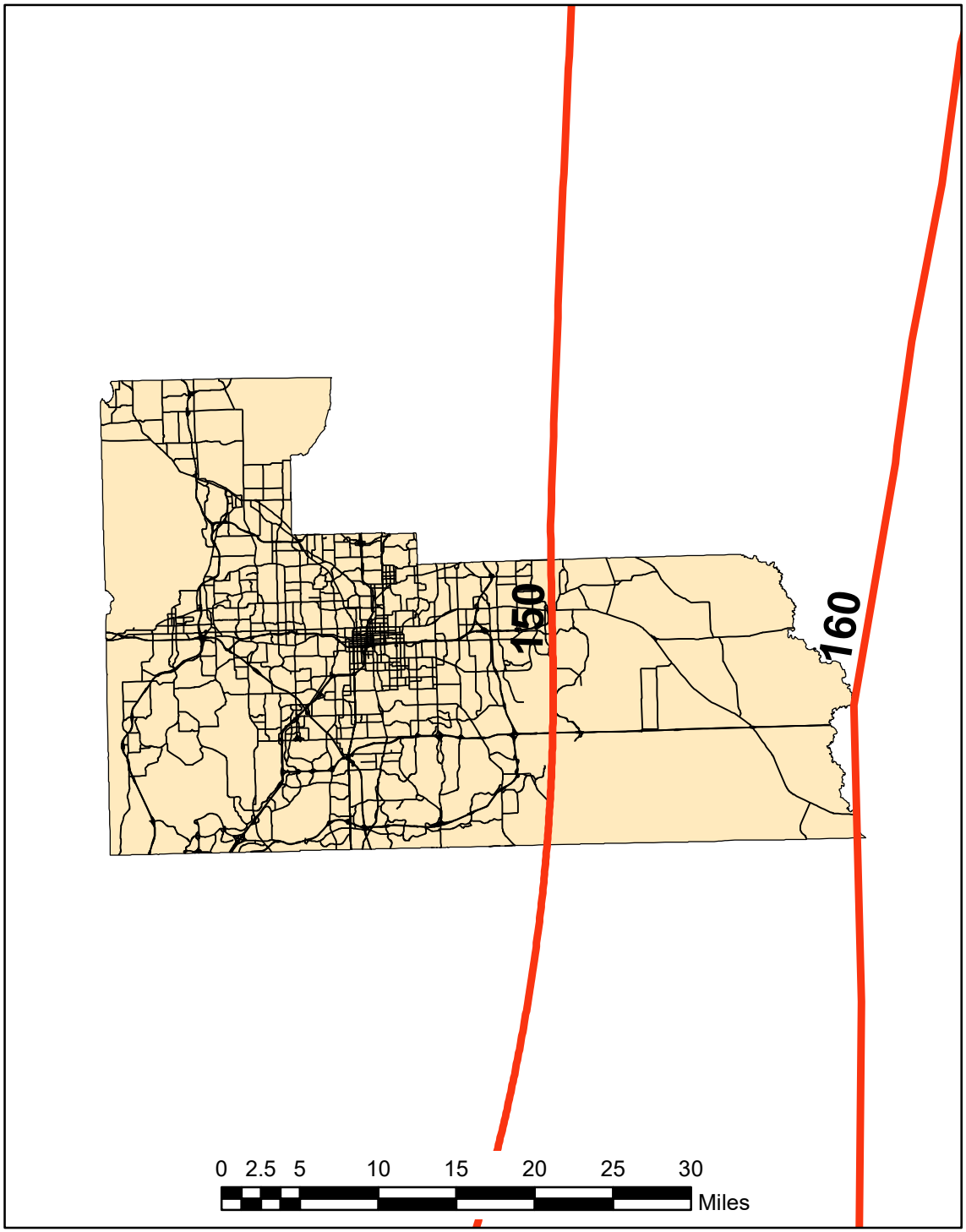
ORANGE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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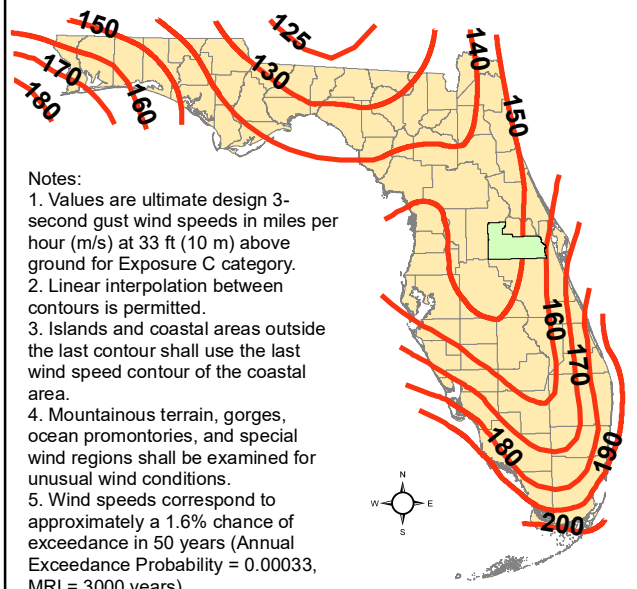
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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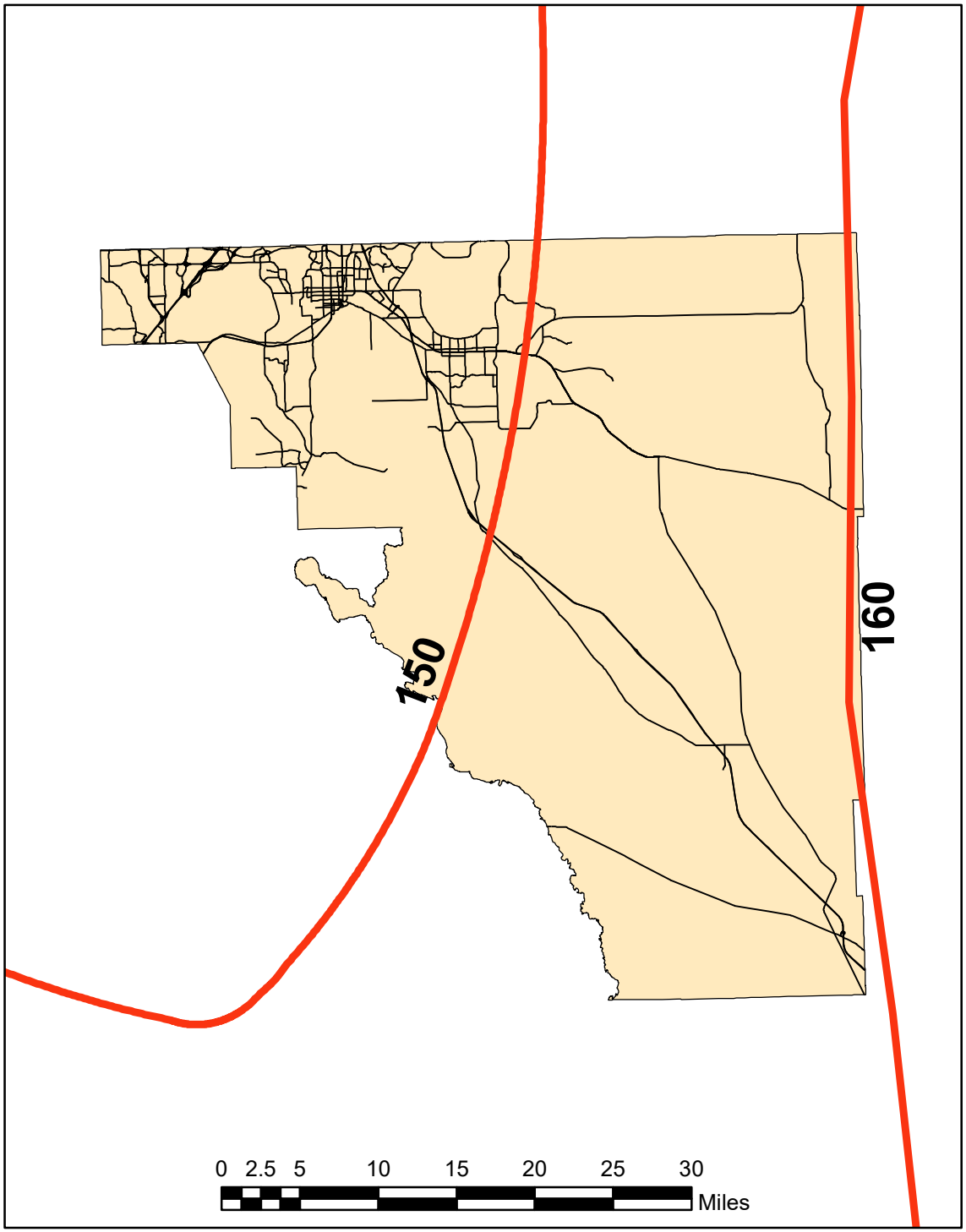
OSCEOLA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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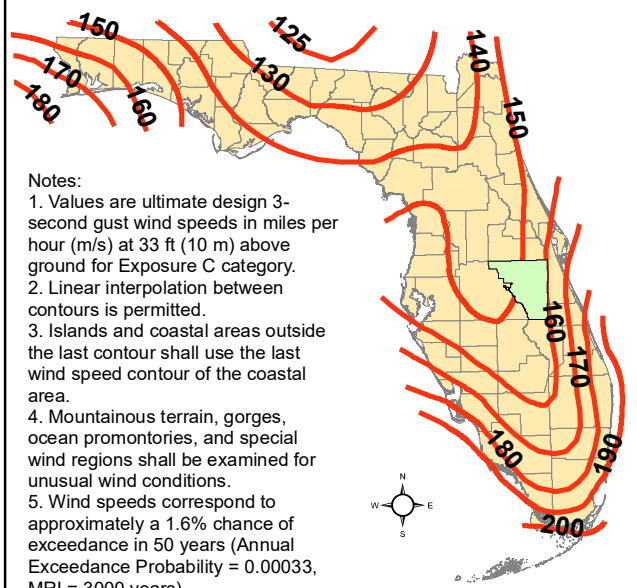
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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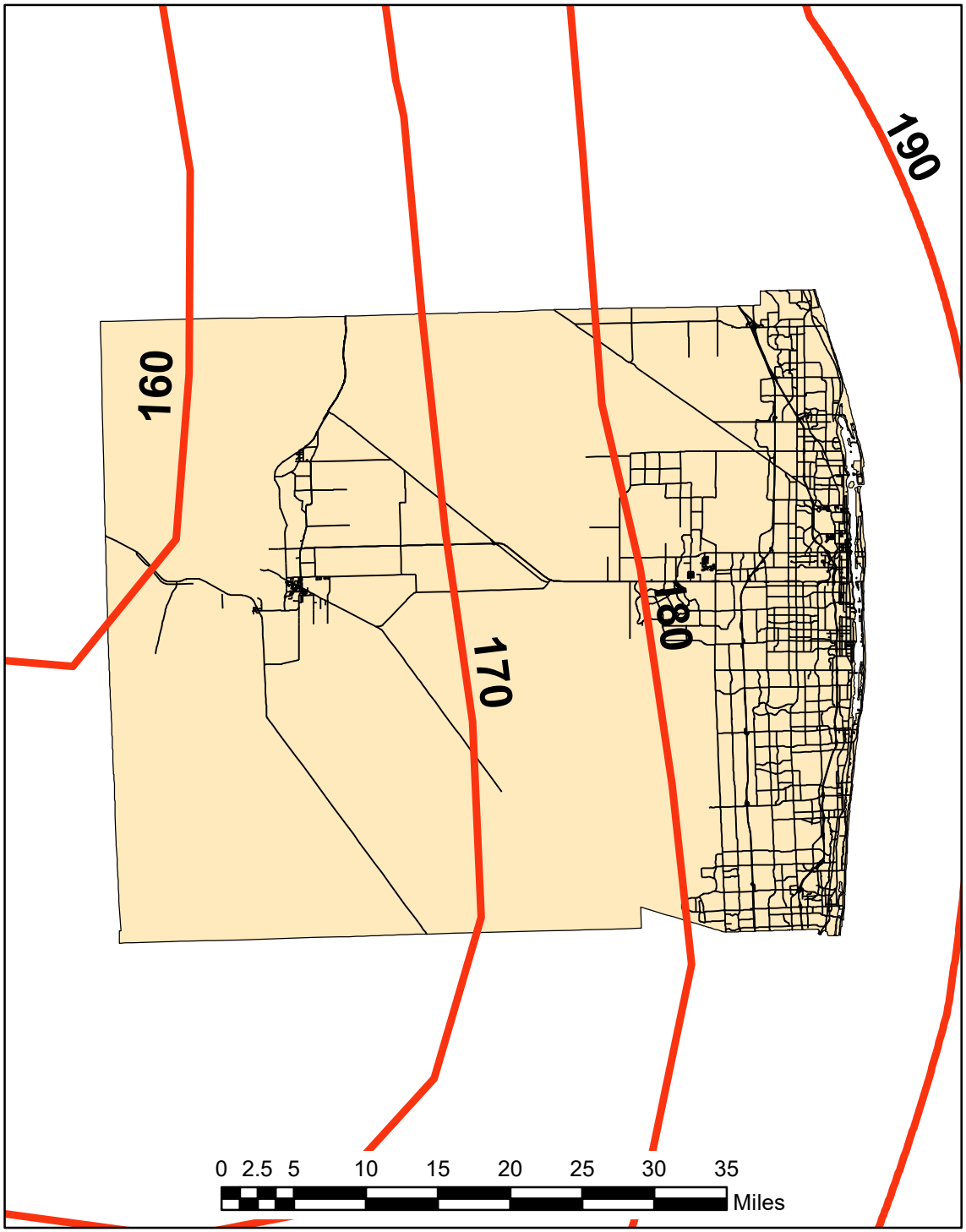
PALMBEACH

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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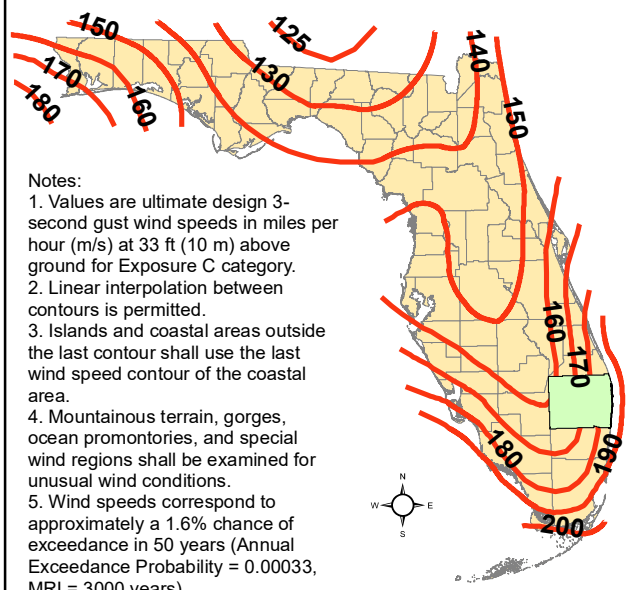
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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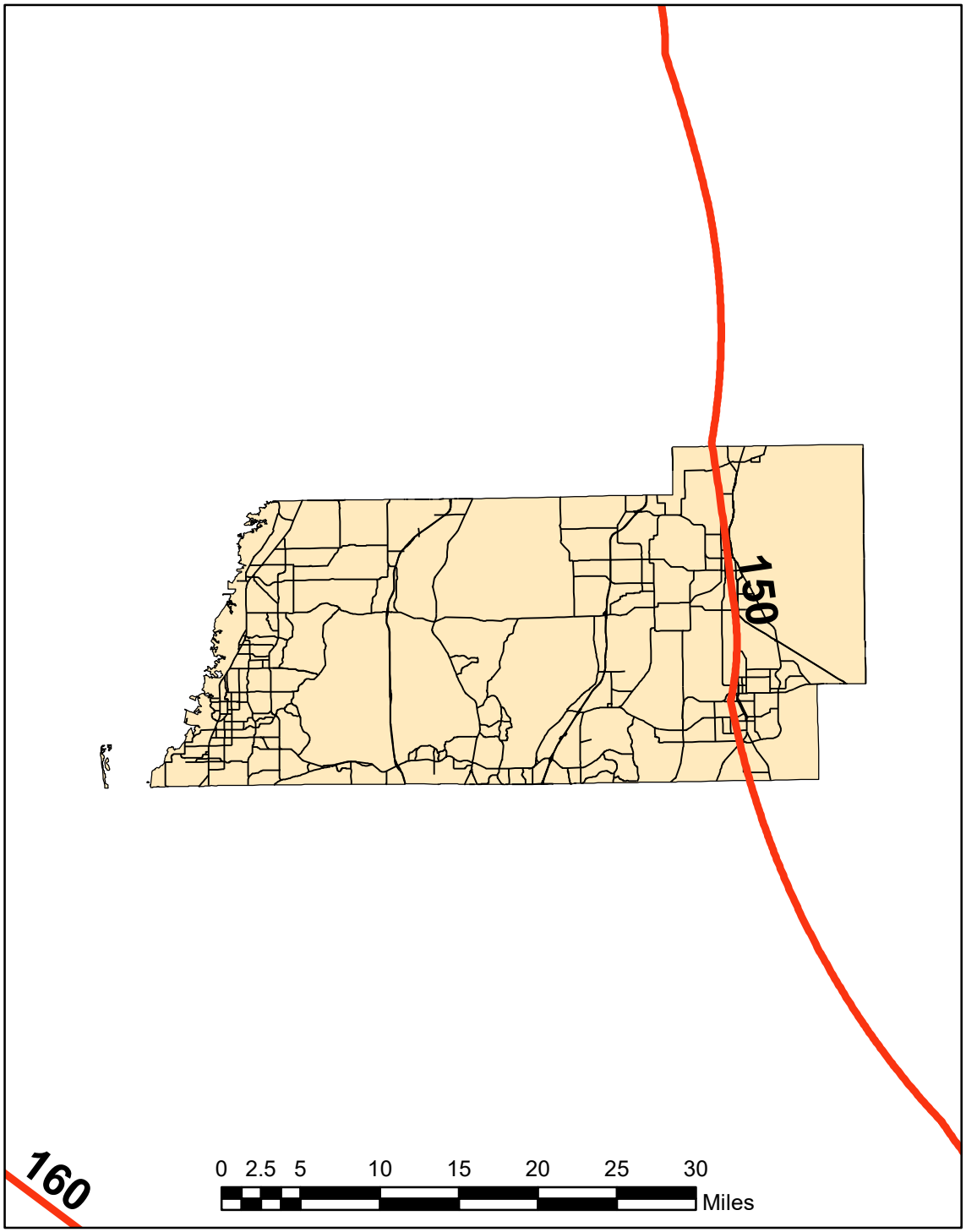
PASCO

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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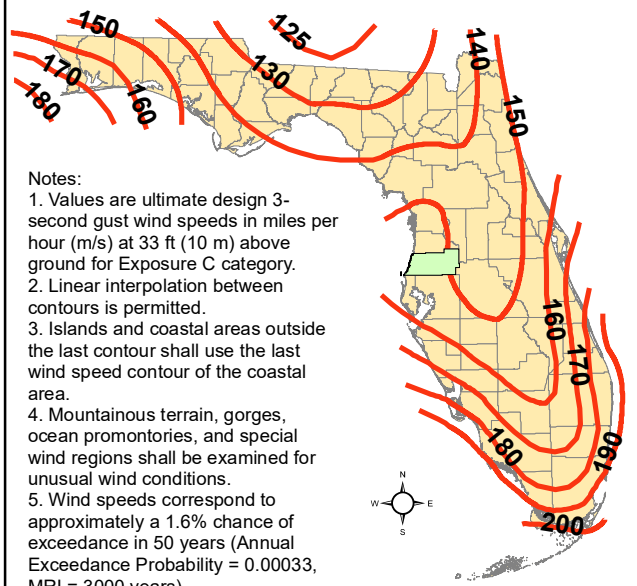

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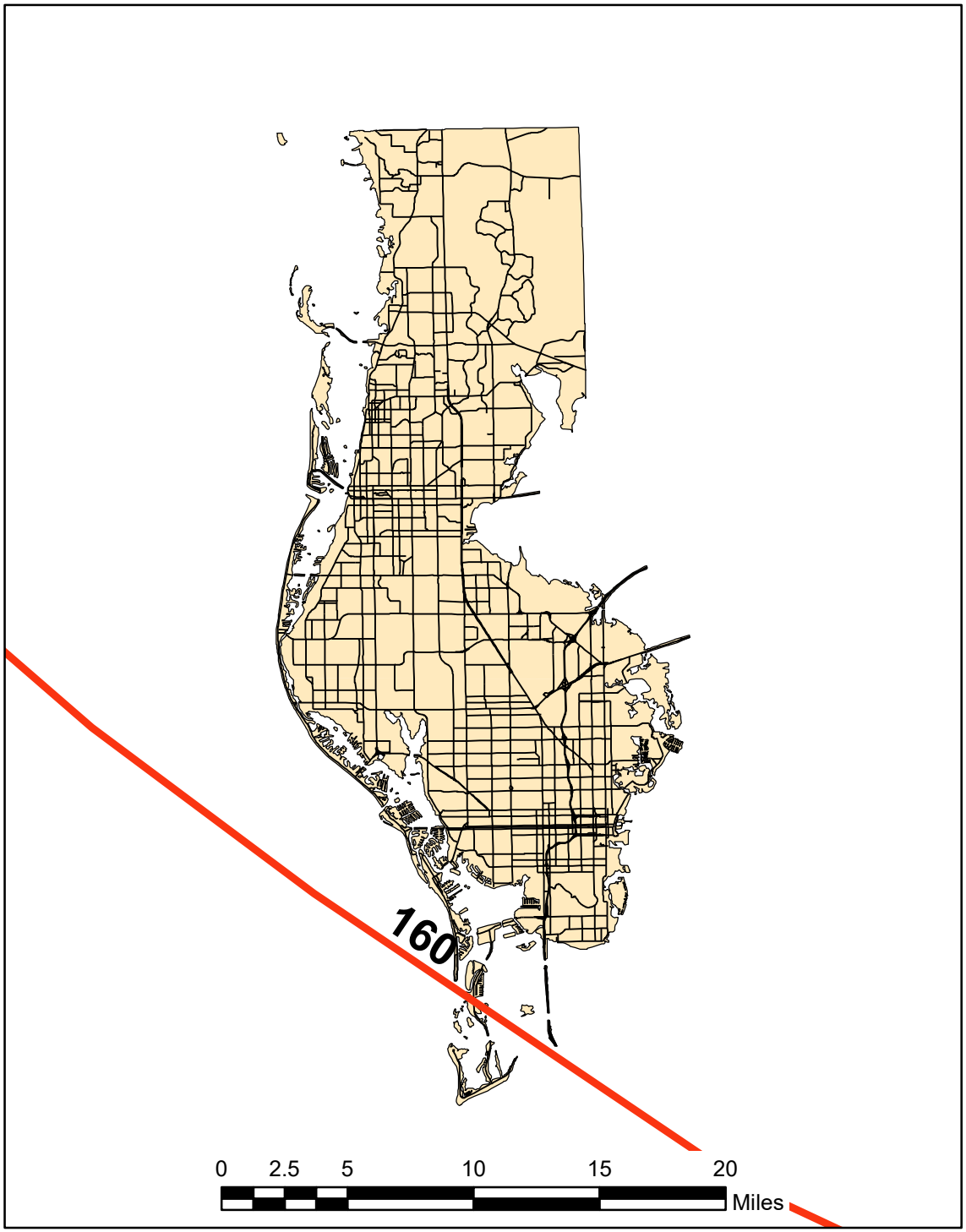
PINELLAS

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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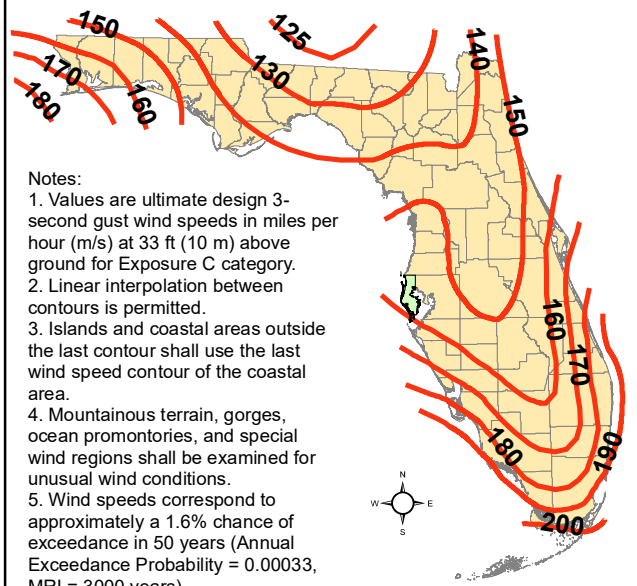
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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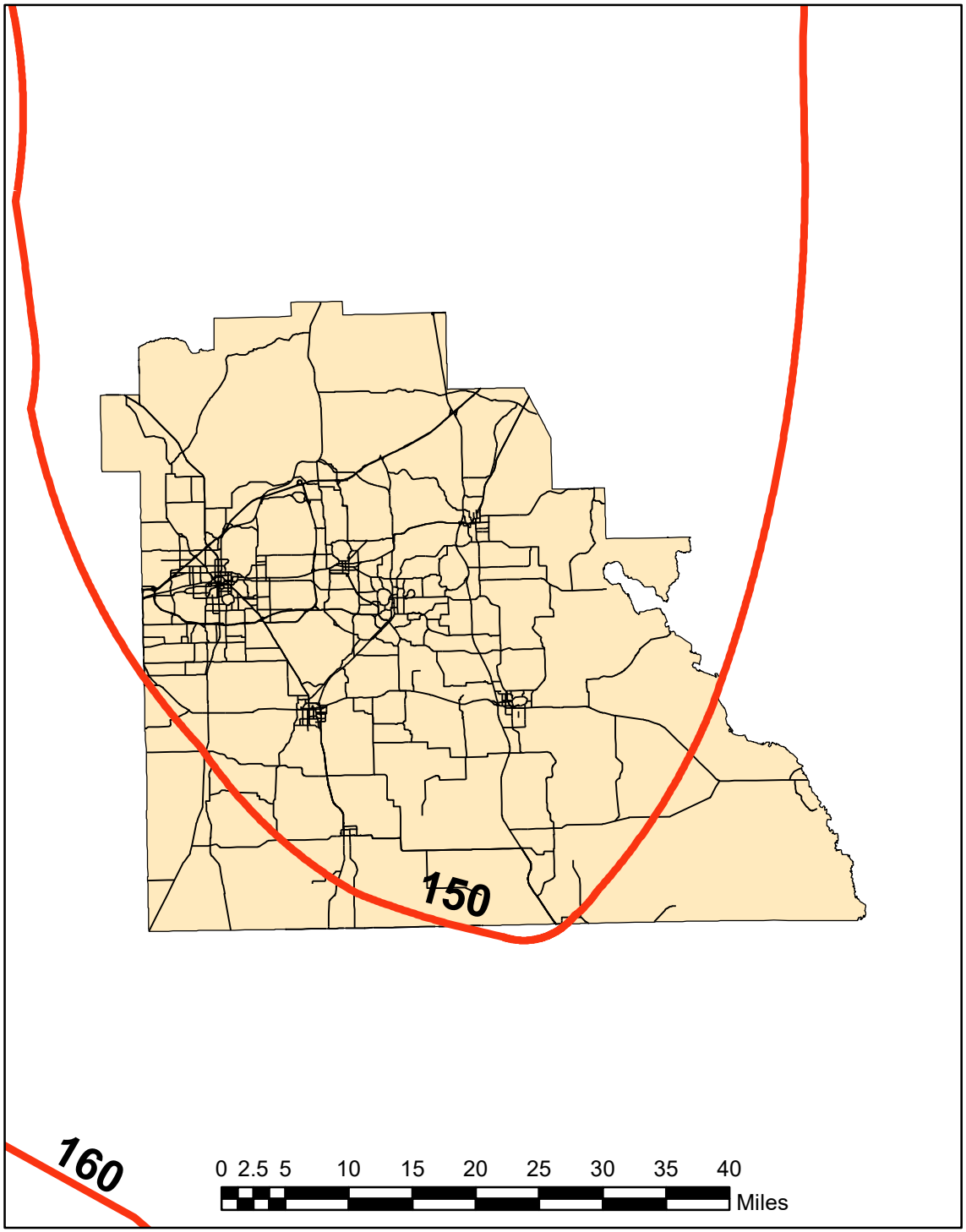
POLK

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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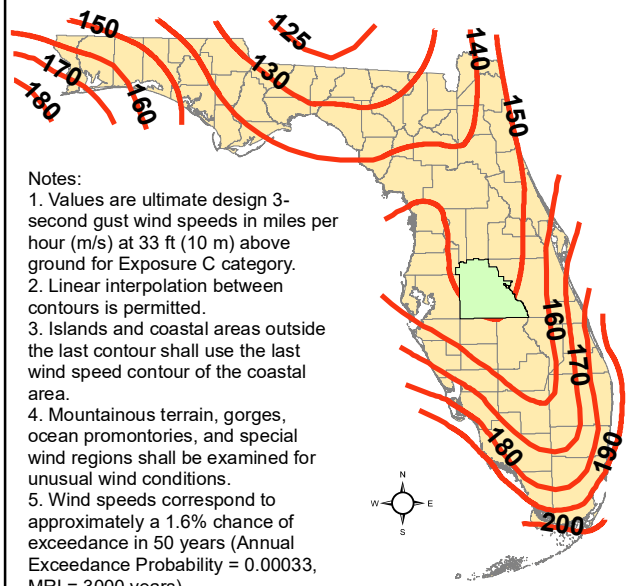
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



Notes:
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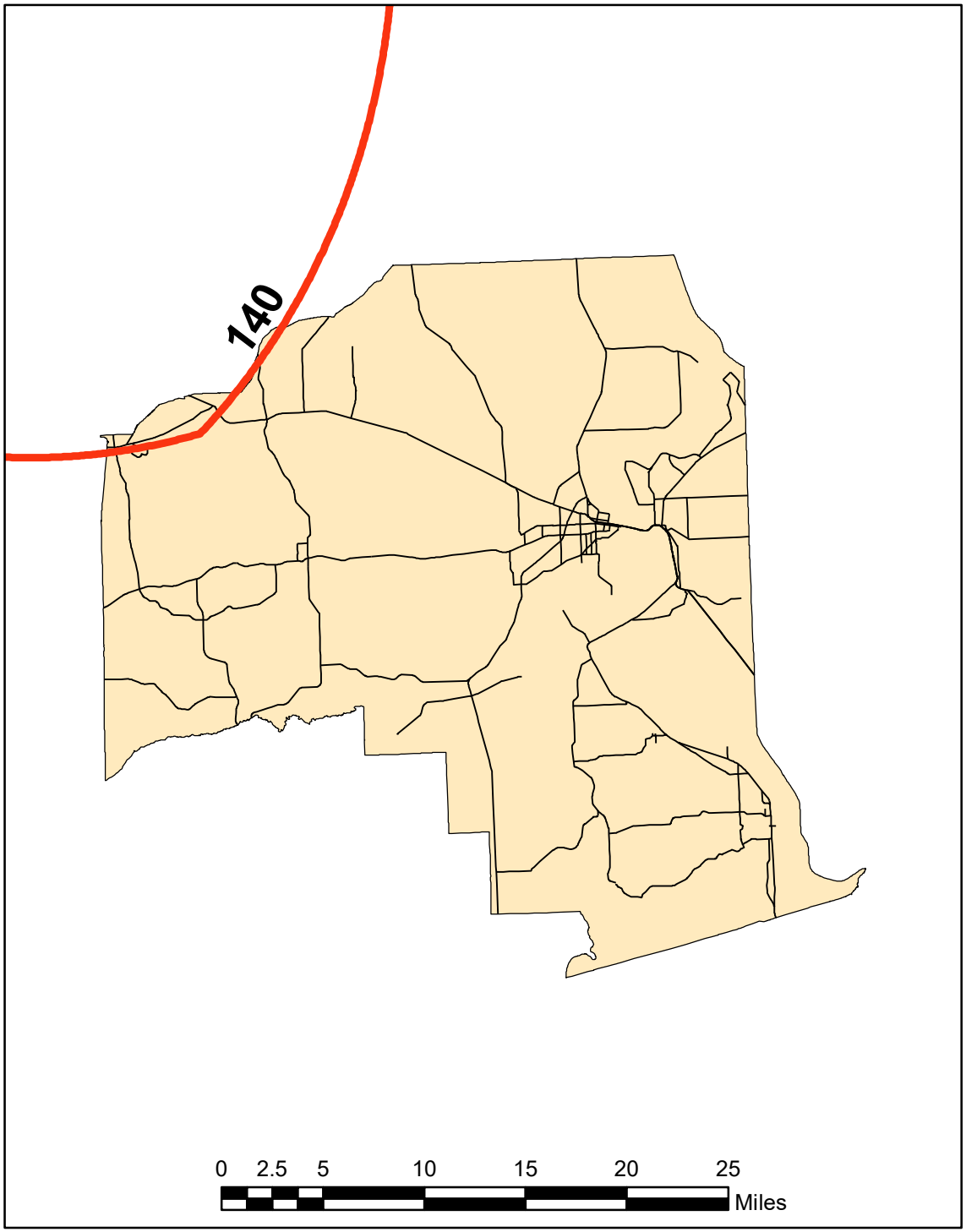
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 1.6% chance of exceedance in 50 years (Annual Exceedance Probability = 0.00033, MRI = 3000 years).

Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

PUTNAM

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



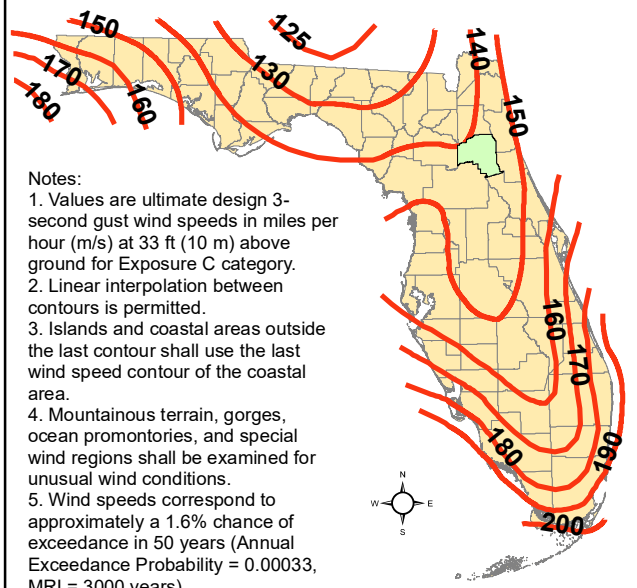
June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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 Vult is 130 mph (58 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (63.6 m/s) or greater

For Risk Category II buildings and other structures and Risk Category III buildings and other structures, except health care facilities, the windborne debris region shall be based on Figure 1609.3(1). For Risk Category III health care facilities, the windborne debris region shall be based on Figure 1609.3(2). For Risk Category IV buildings and other structures, the windborne debris region shall be based on Figure 1609.3(3).

Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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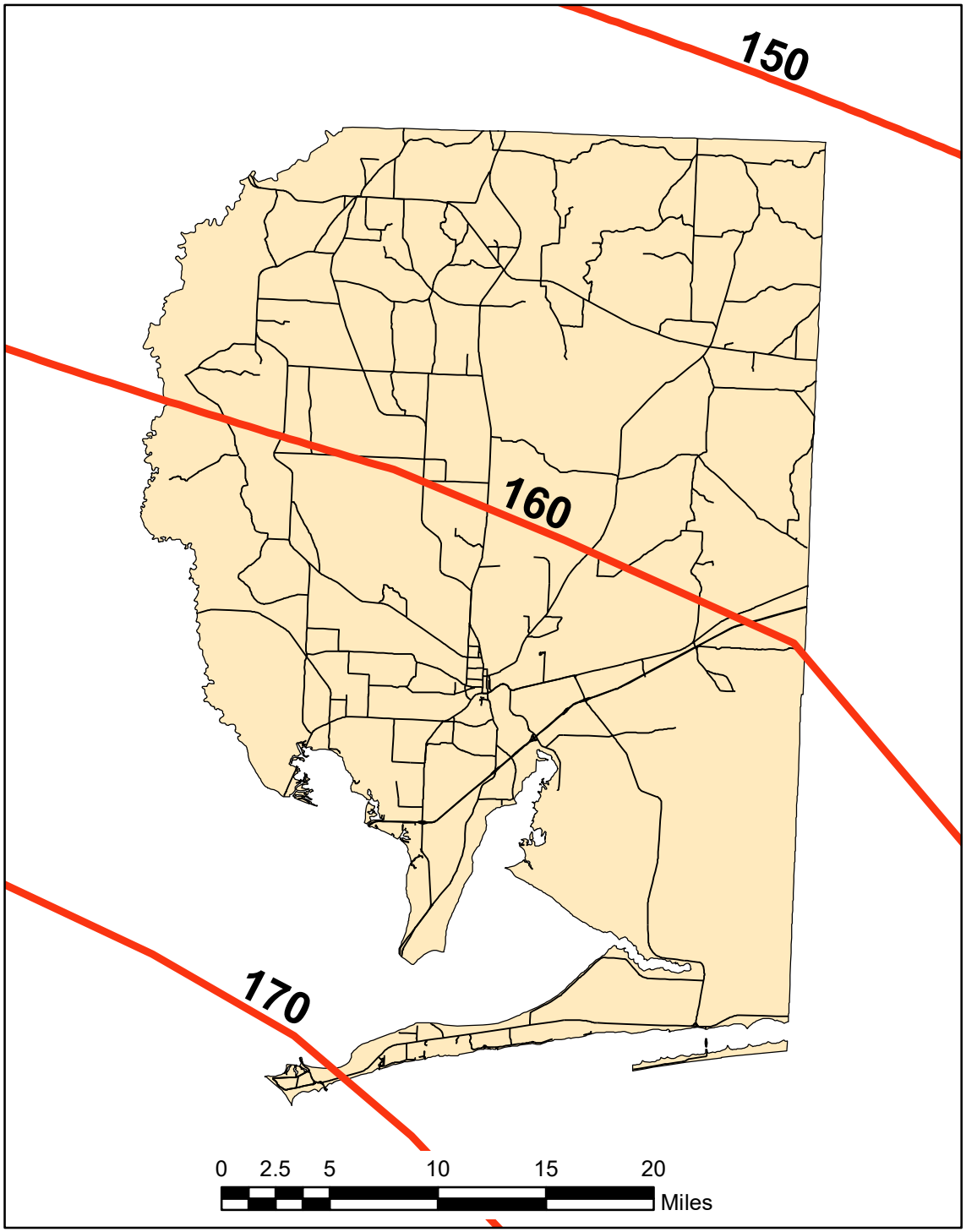
SANTAROSA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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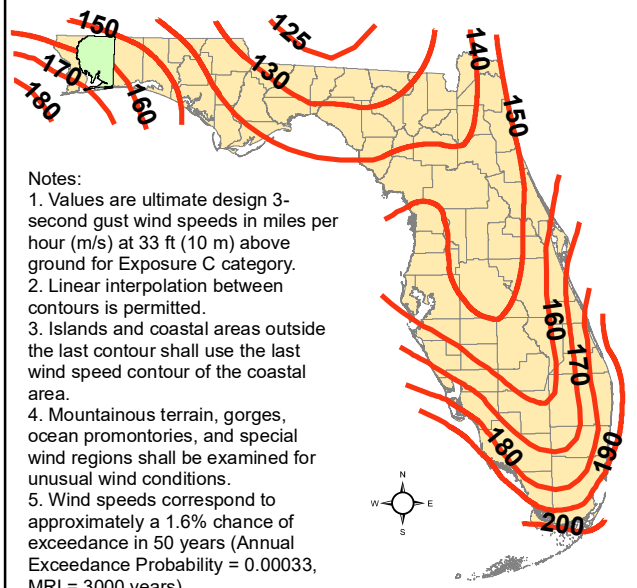
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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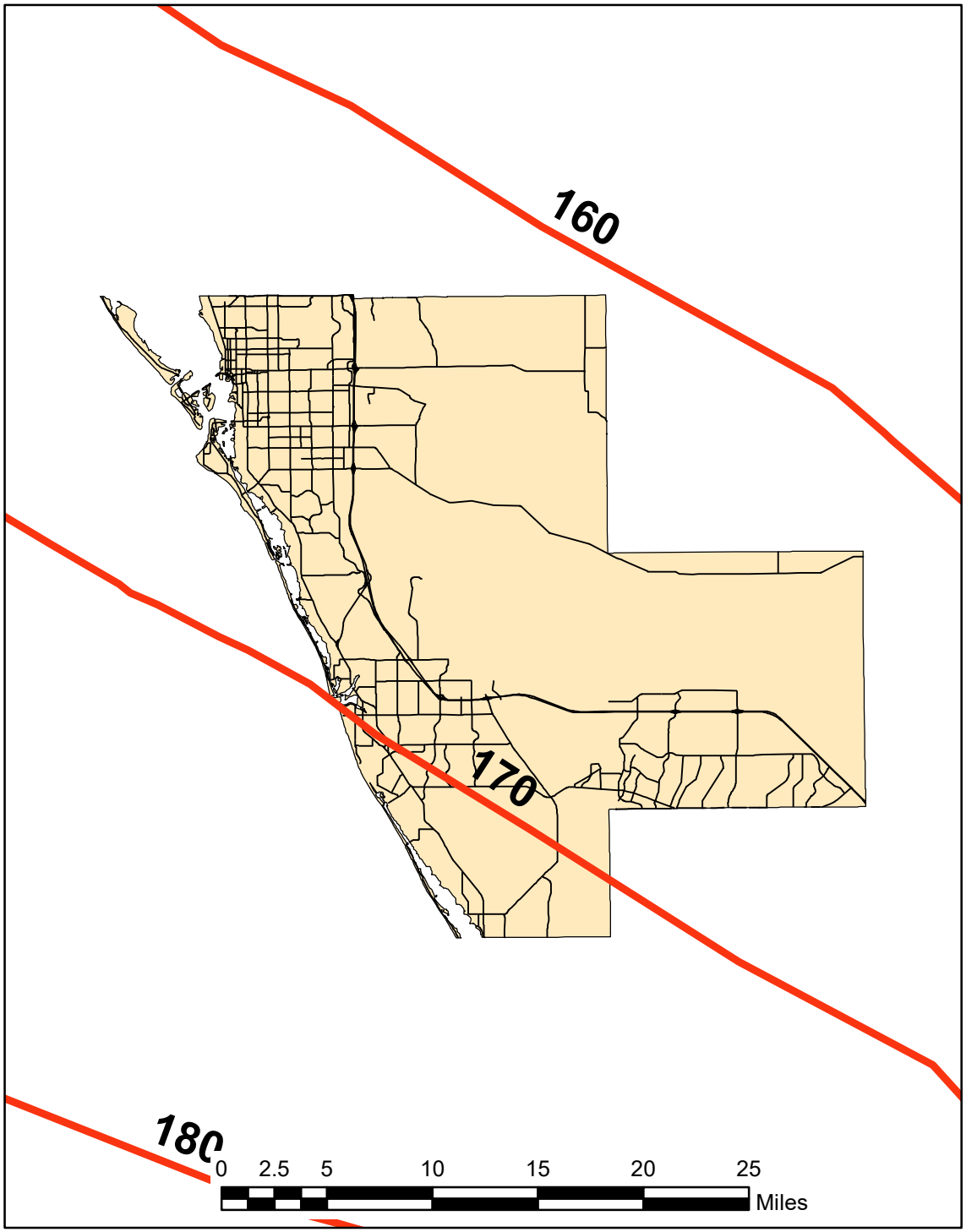
SARASOTA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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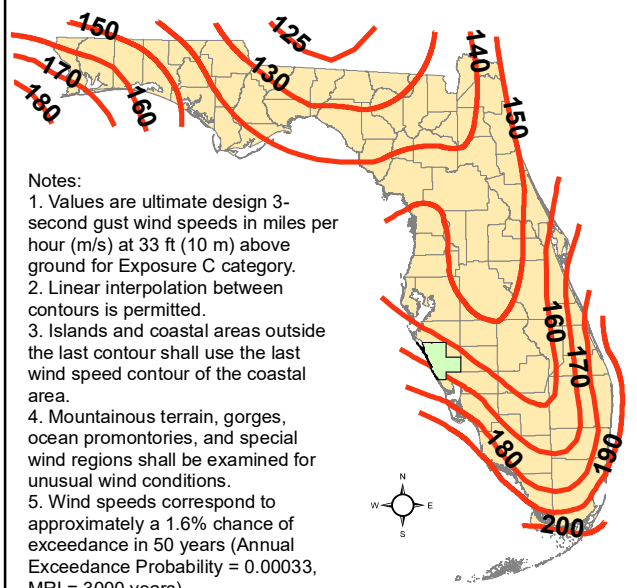
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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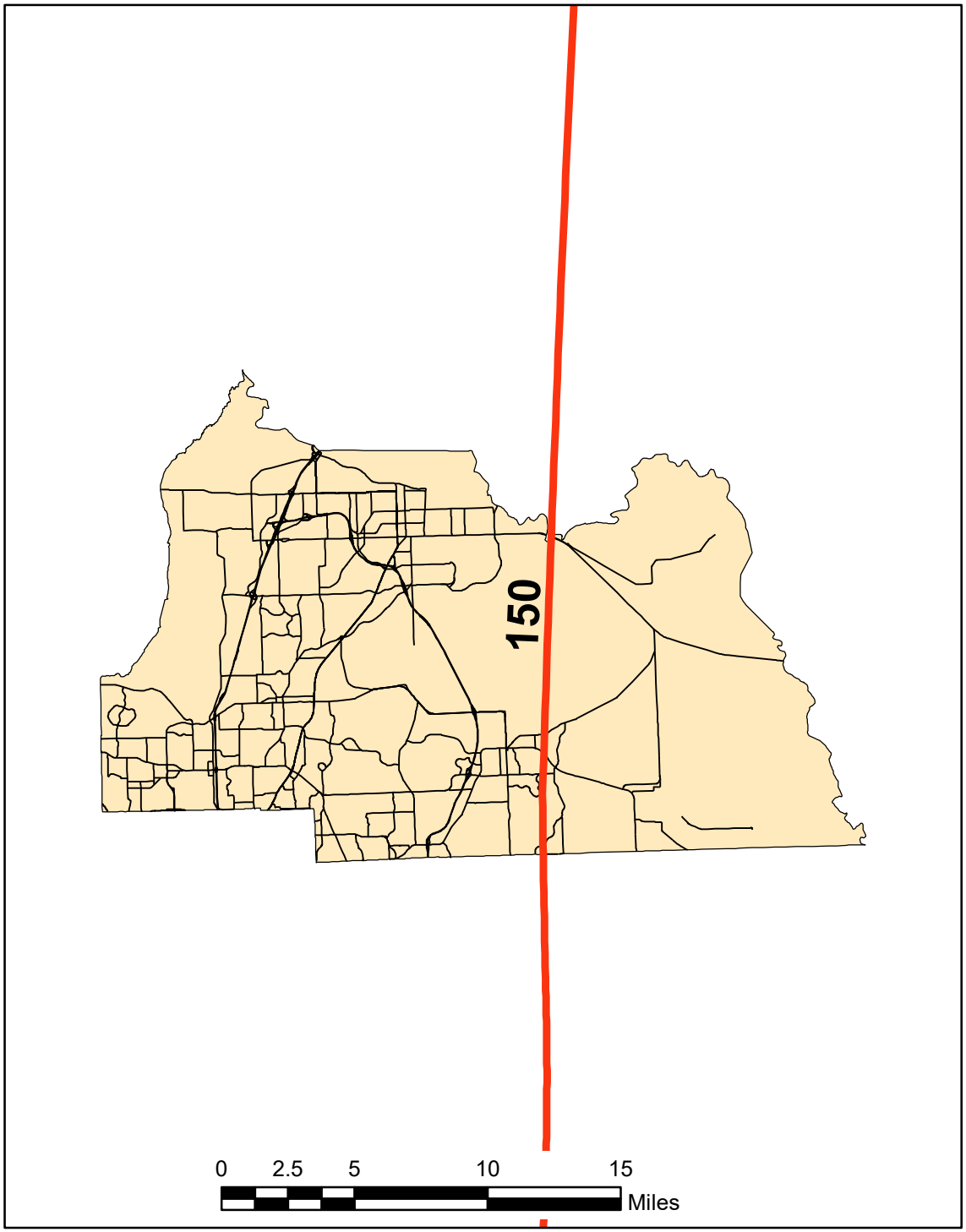
SEMINOLE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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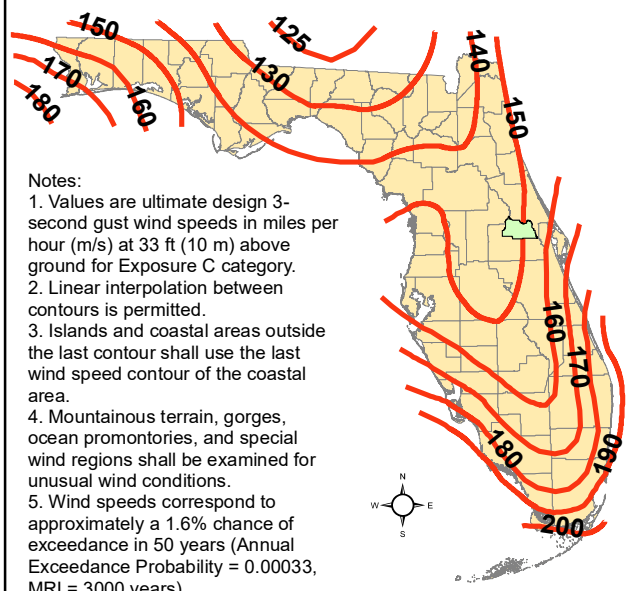
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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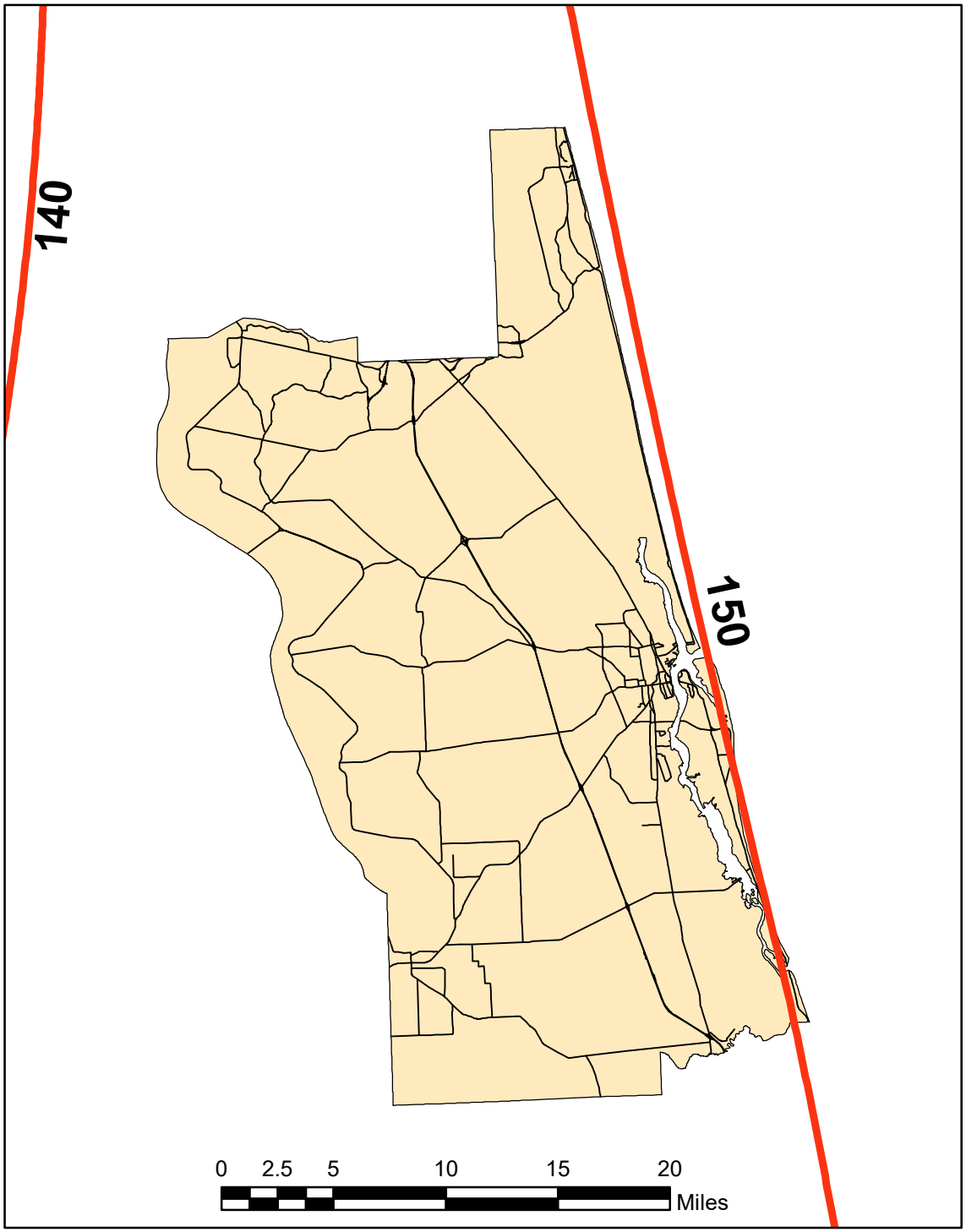
Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

STJOHNS

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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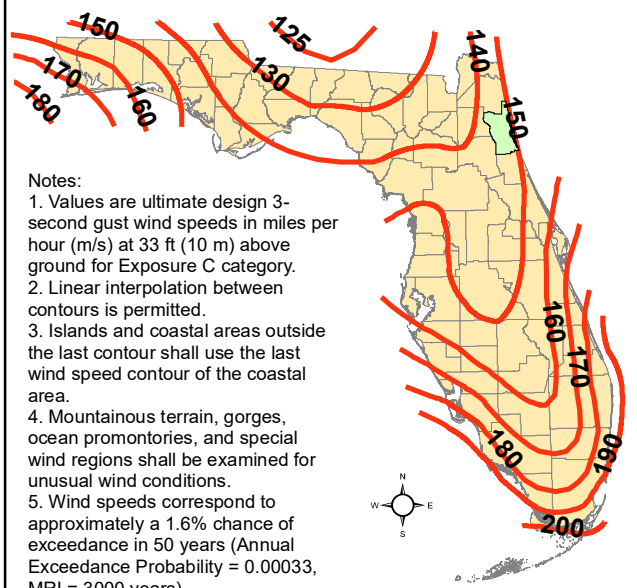
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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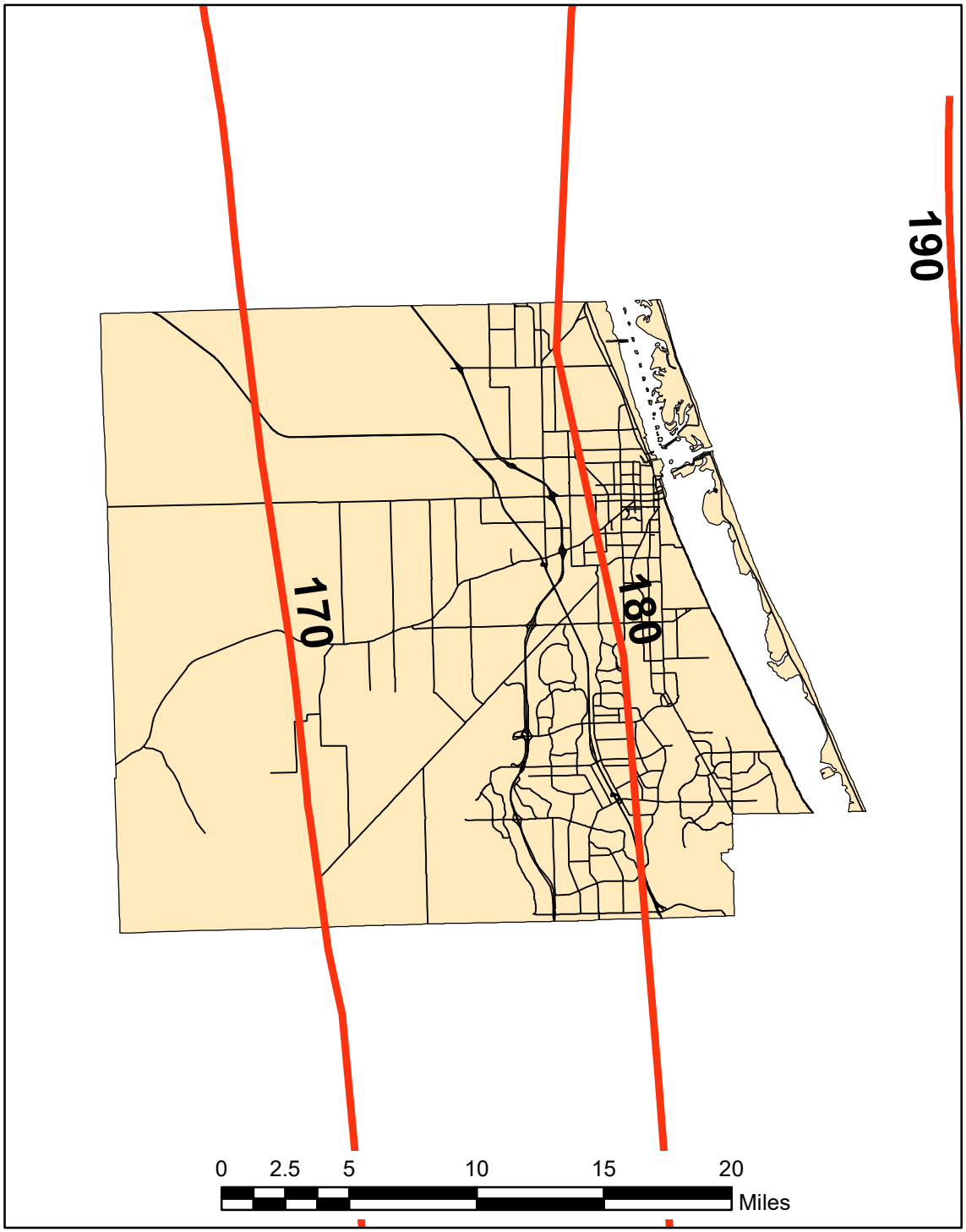
STLUCIE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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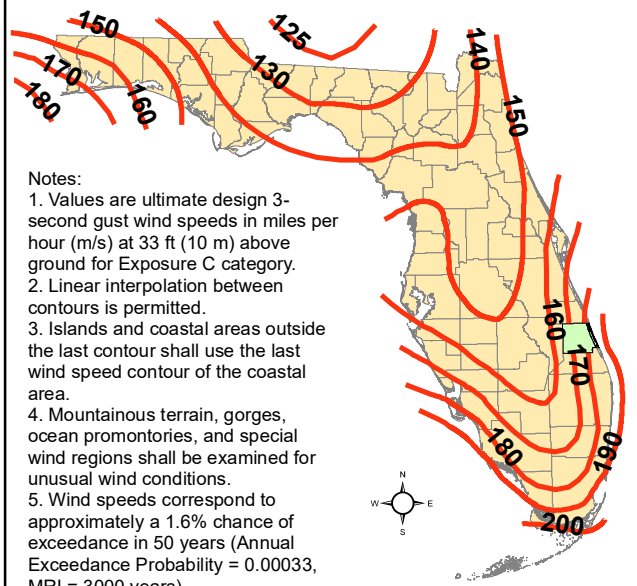
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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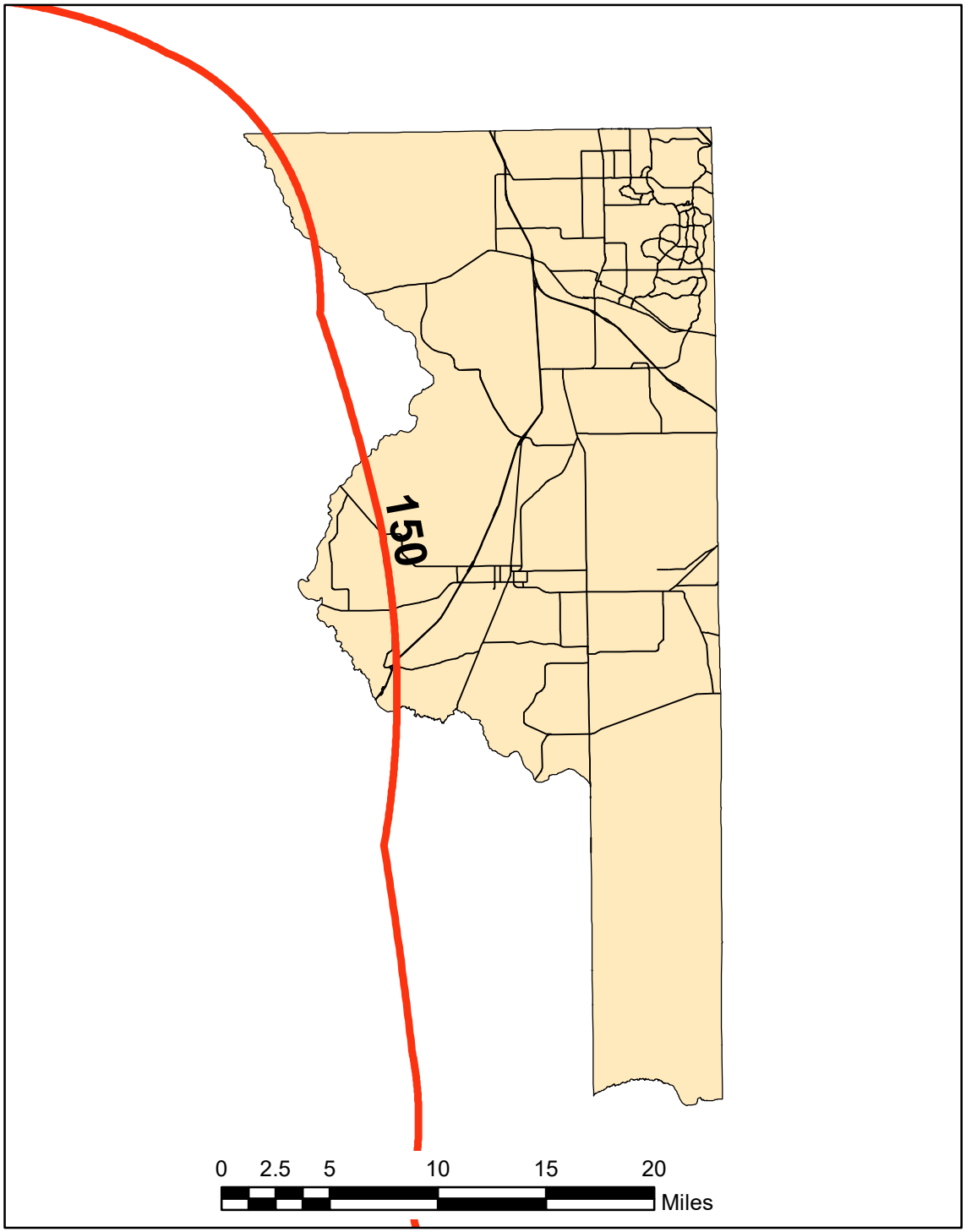
SUMTER

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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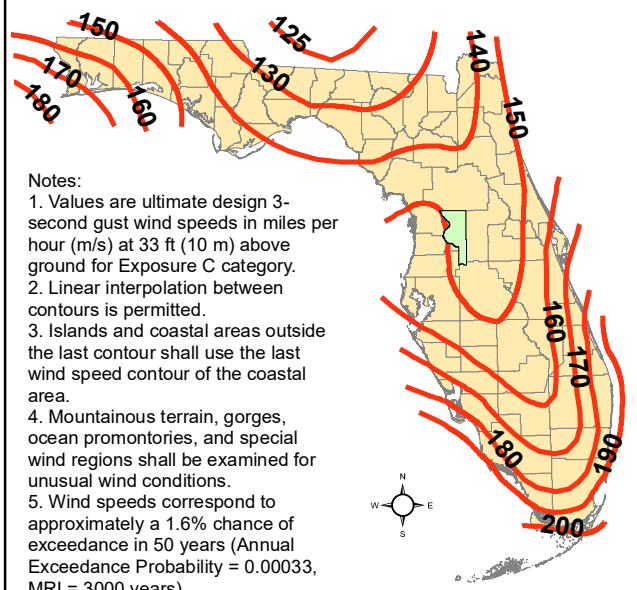

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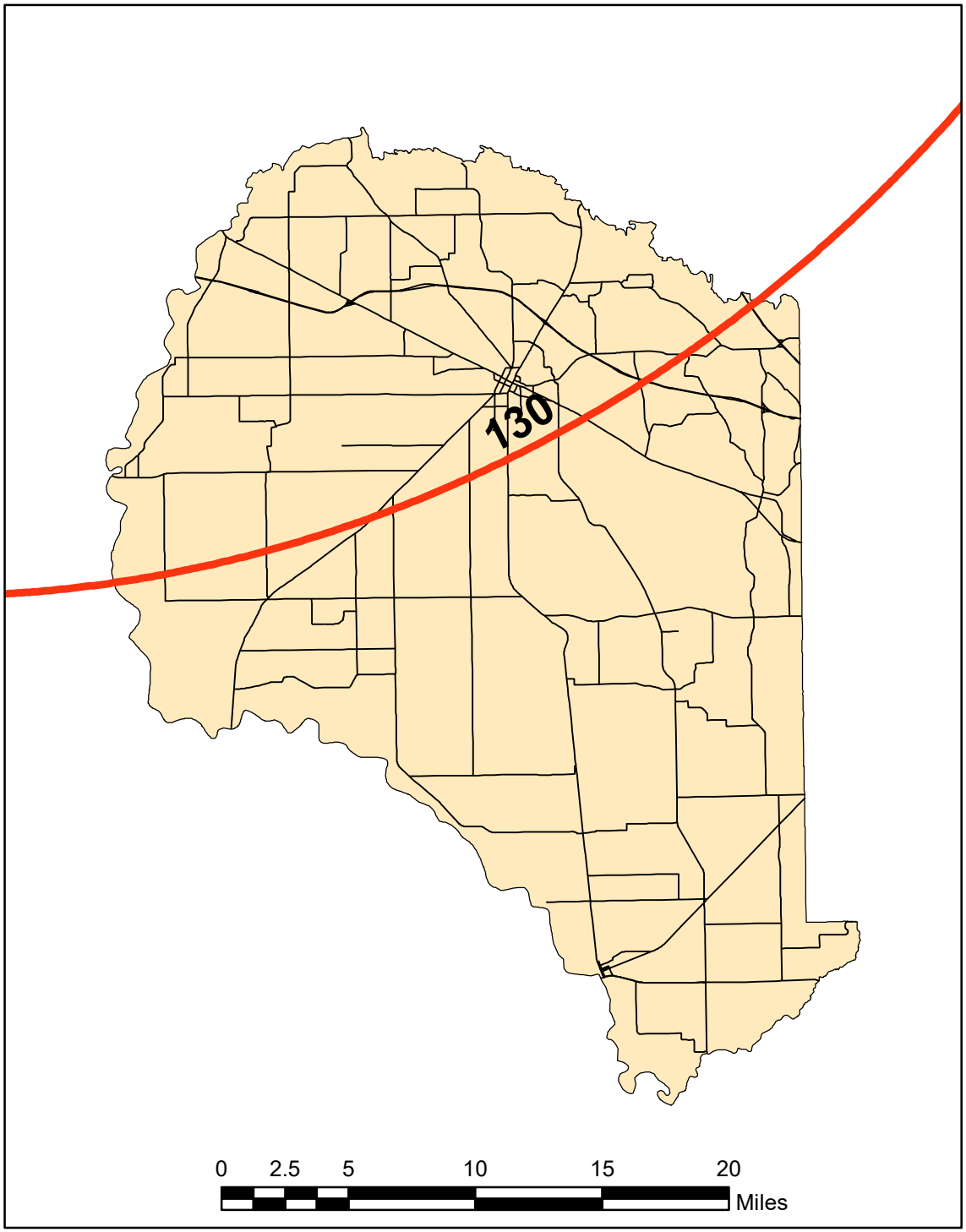
SUWANNEE

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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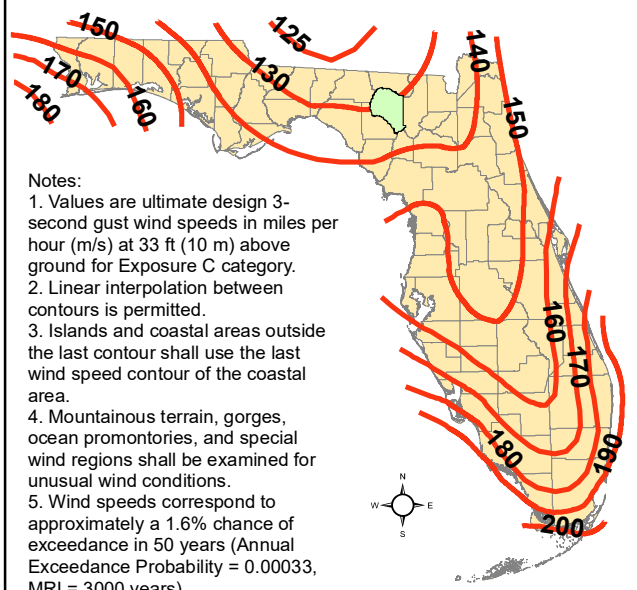

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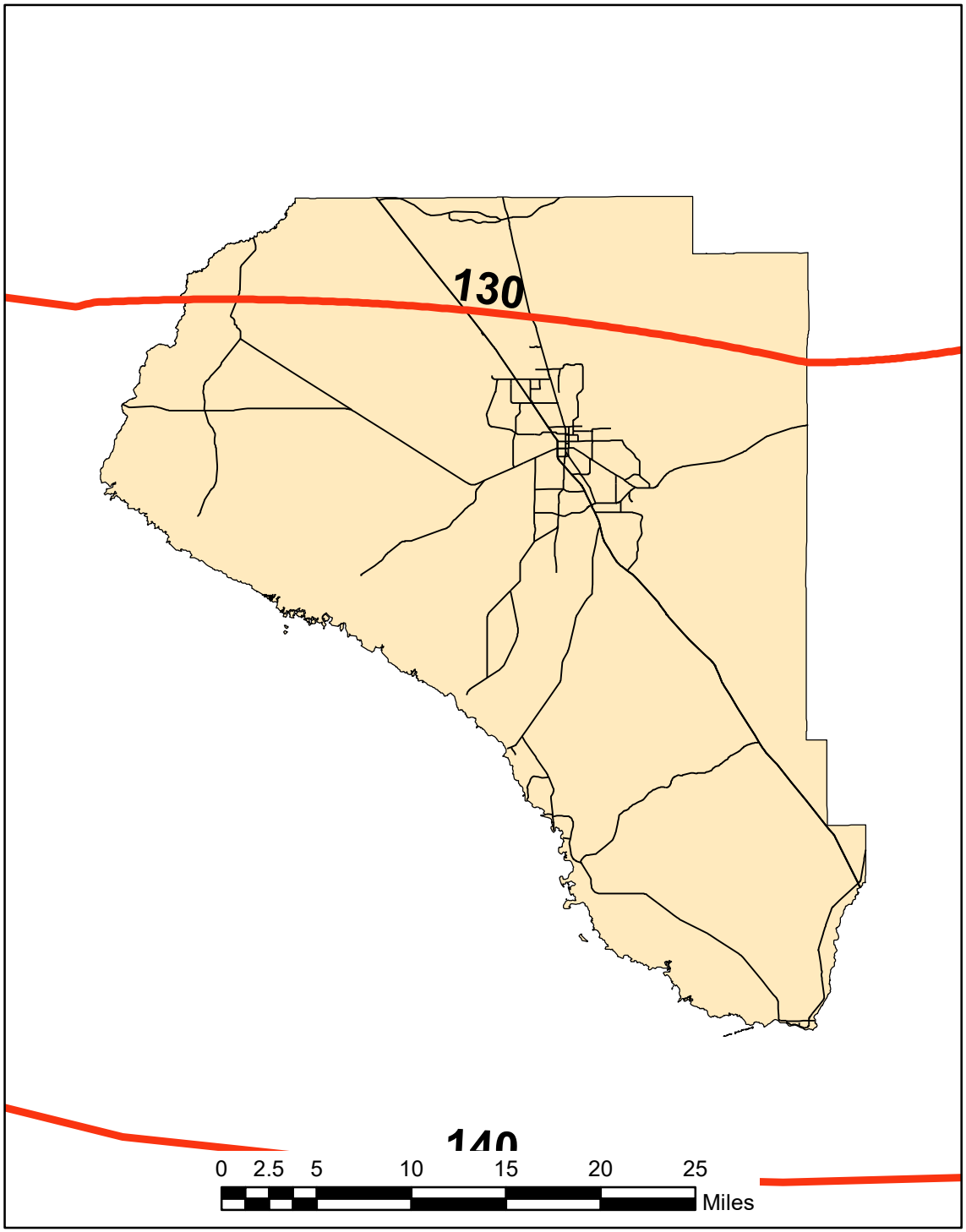
TAYLOR

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



June 2nd, 2020

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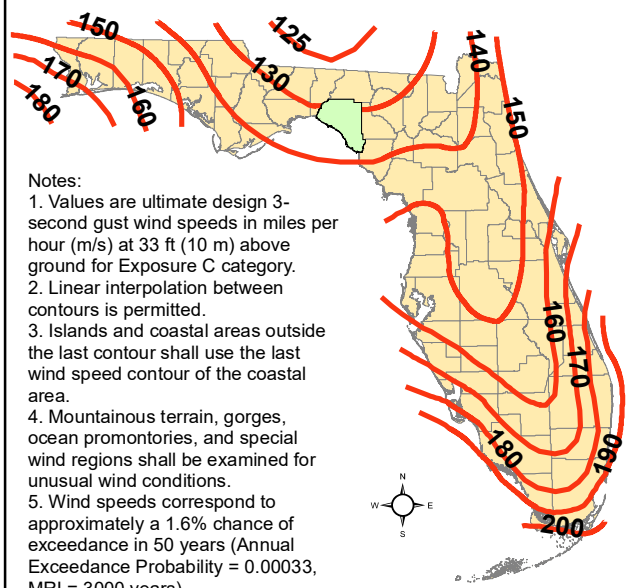

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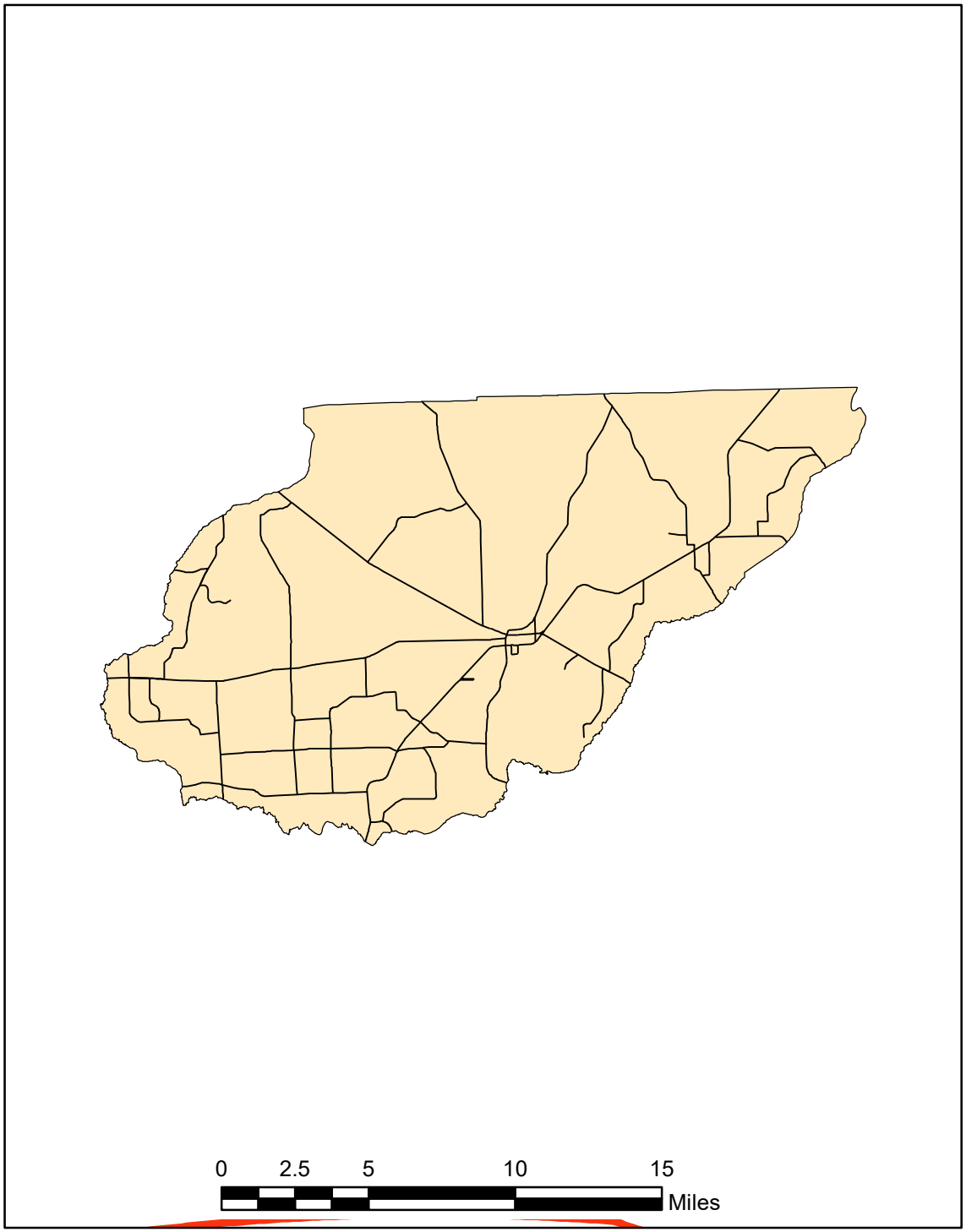

June 2nd, 2020

UNION

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings

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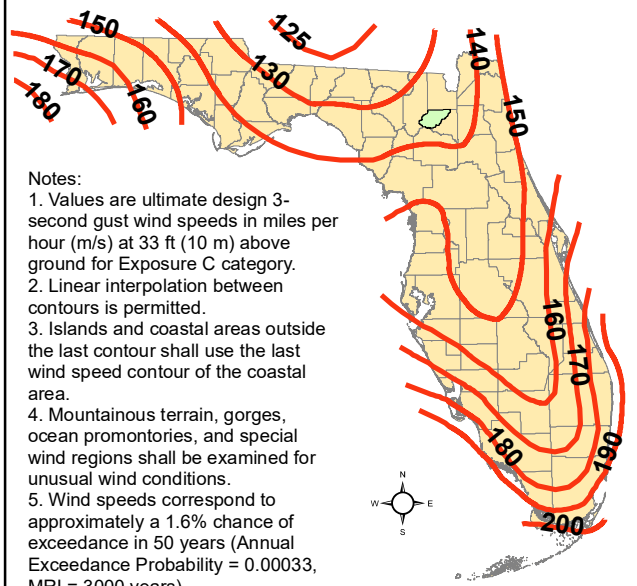
Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures



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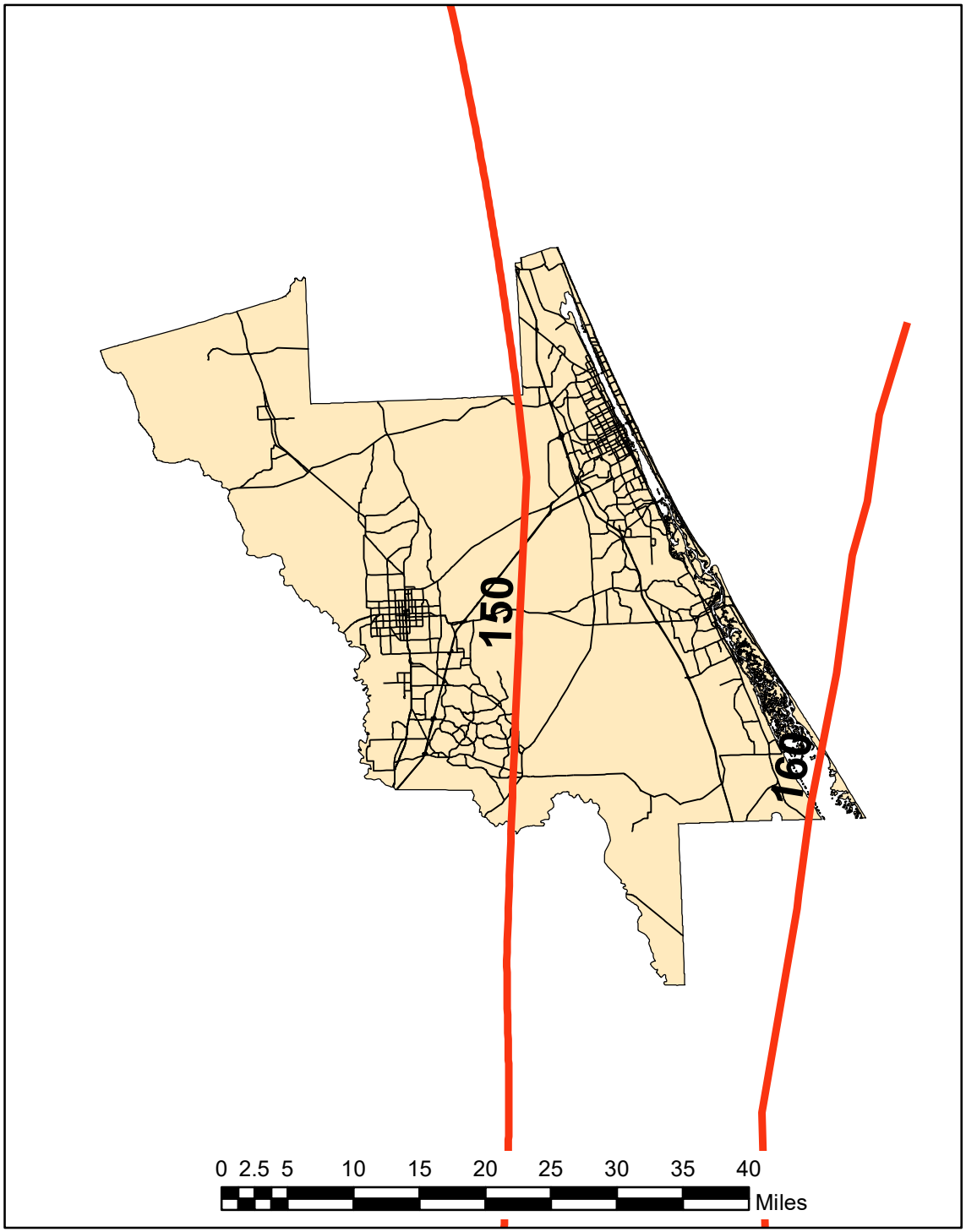
VOLUSIA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



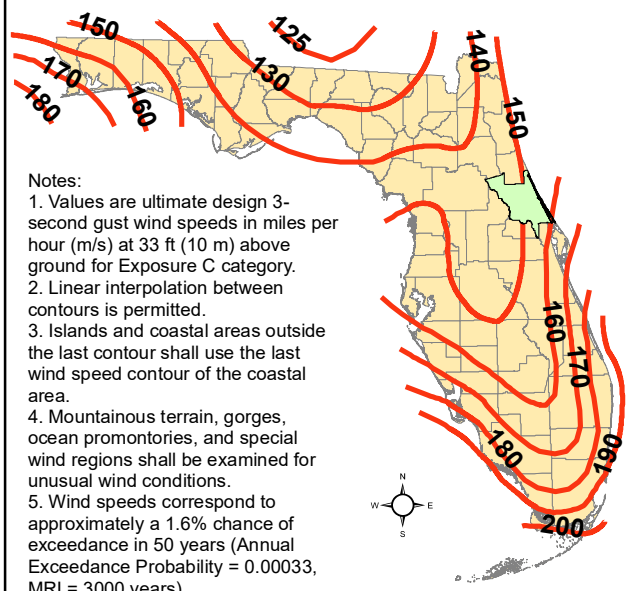
June 2nd, 2020

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609.3. 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 Vult is 130 mph (58 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (63.6 m/s) or greater

For Risk Category II buildings and other structures and Risk Category III buildings and other structures, except health care facilities, the windborne debris region shall be based on Figure 1609.3(1). For Risk Category III health care facilities, the windborne debris region shall be based on Figure 1609.3(2). For Risk Category IV buildings and other structures, the windborne debris region shall be based on Figure 1609.3(3).

Figure 1609.3(3) Ultimate Design Wind Speeds, for Risk Category IV Buildings and Other Structures

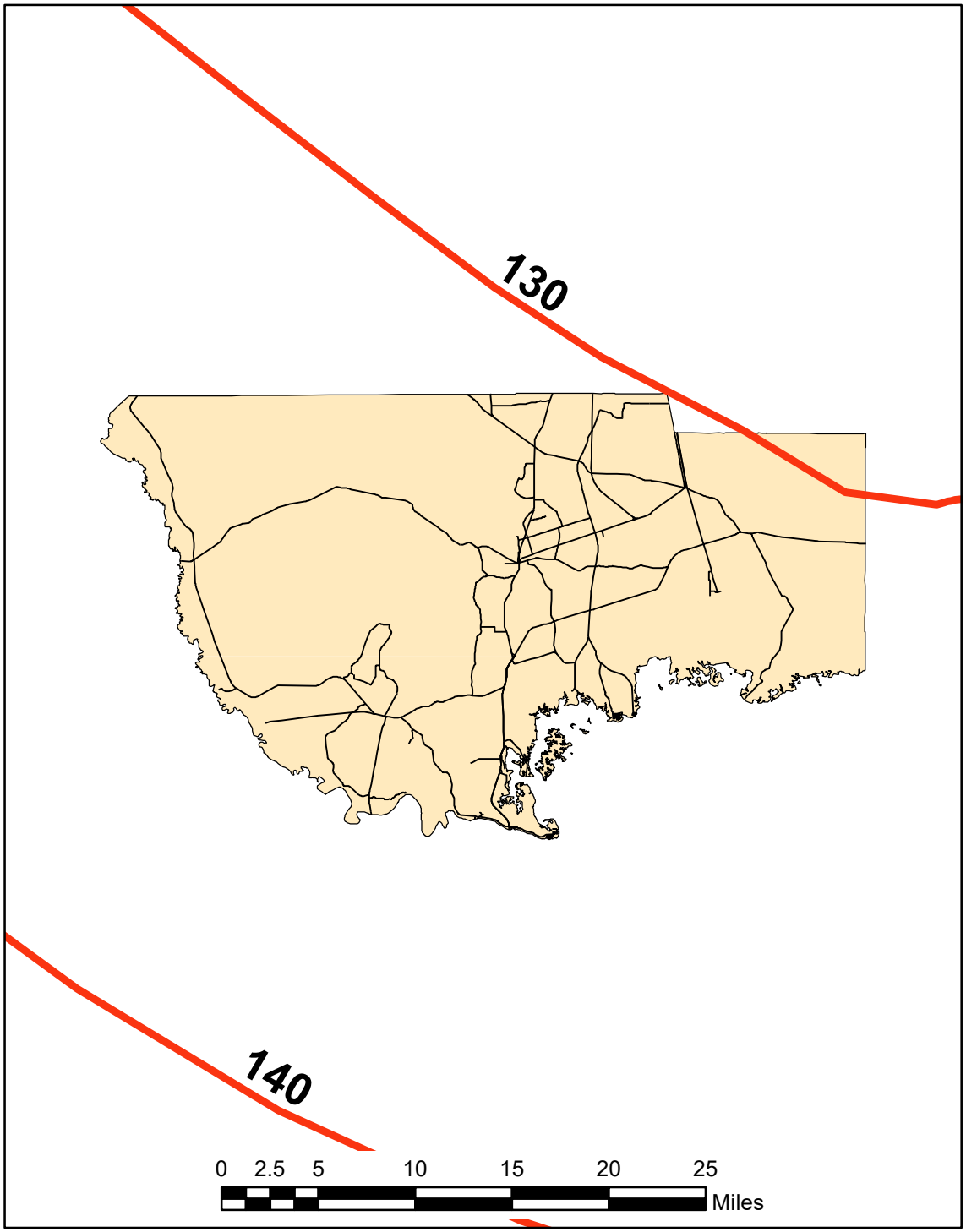


Notes:
1. Values are ultimate design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10 m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal 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 1.6% chance of exceedance in 50 years (Annual Exceedance Probability = 0.00033, MRI = 3000 years).

Sources: Florida Department of Business and Professional Regulations, Building Codes and Standards Office; Florida Building Commission; Applied Research Associates, Inc.; University of Florida GeoPlan Center; Florida Geographic Data Library; Florida Building Code 2020; County Building Official, 06/02/2020

WAKULLA

Figure 1609.3(3)
Ultimate Design Wind Speeds
Risk Category IV Buildings



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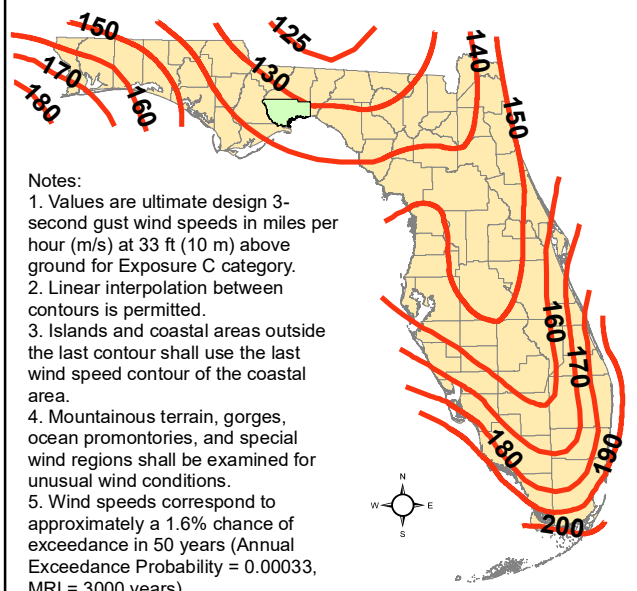

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WALTON

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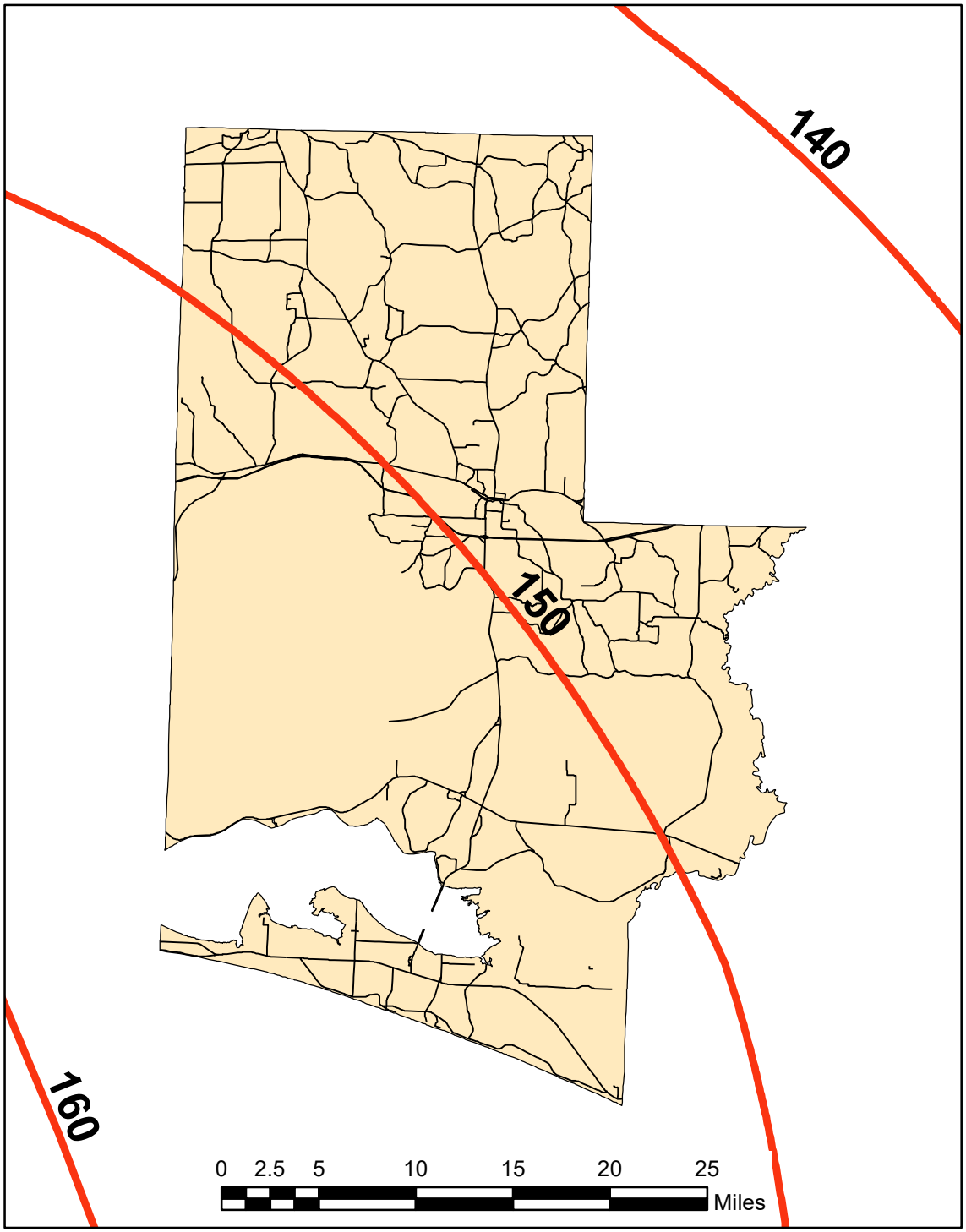

June 2nd, 2020

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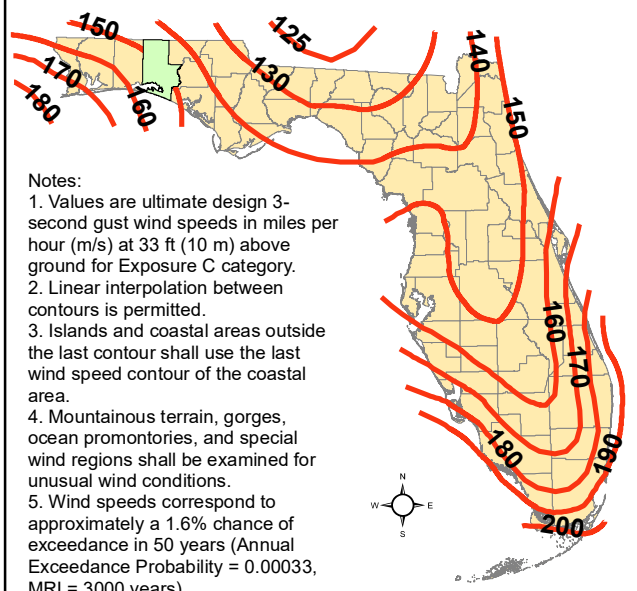

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WASHINGTON

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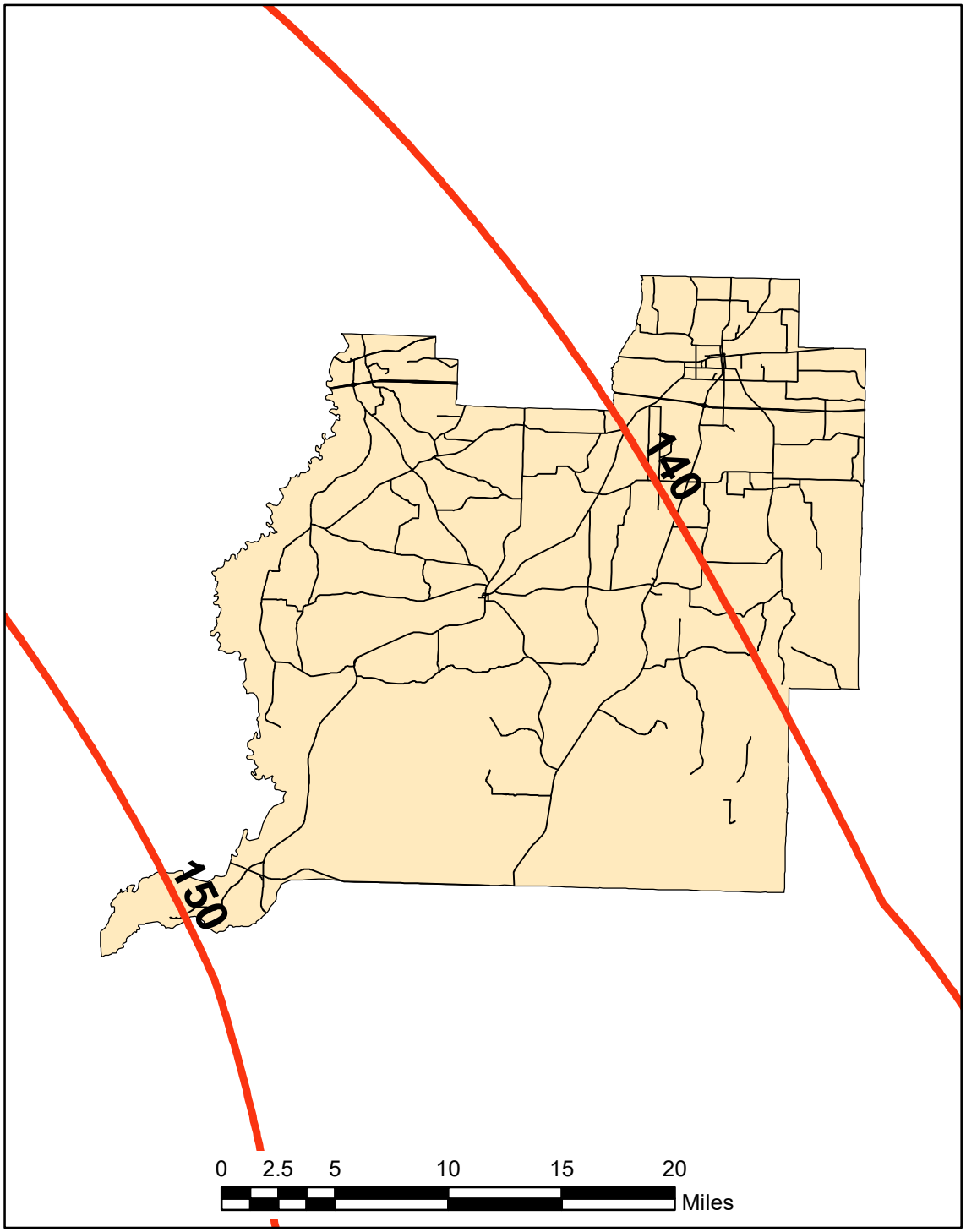

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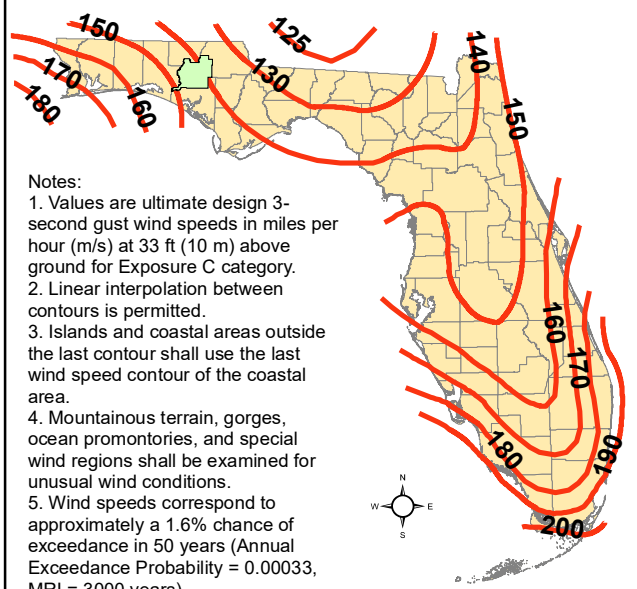

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