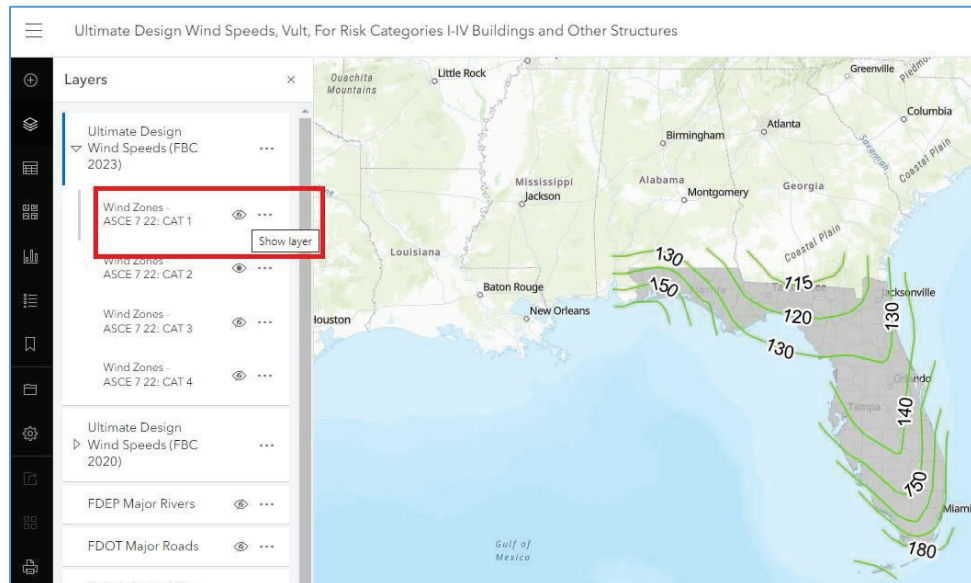
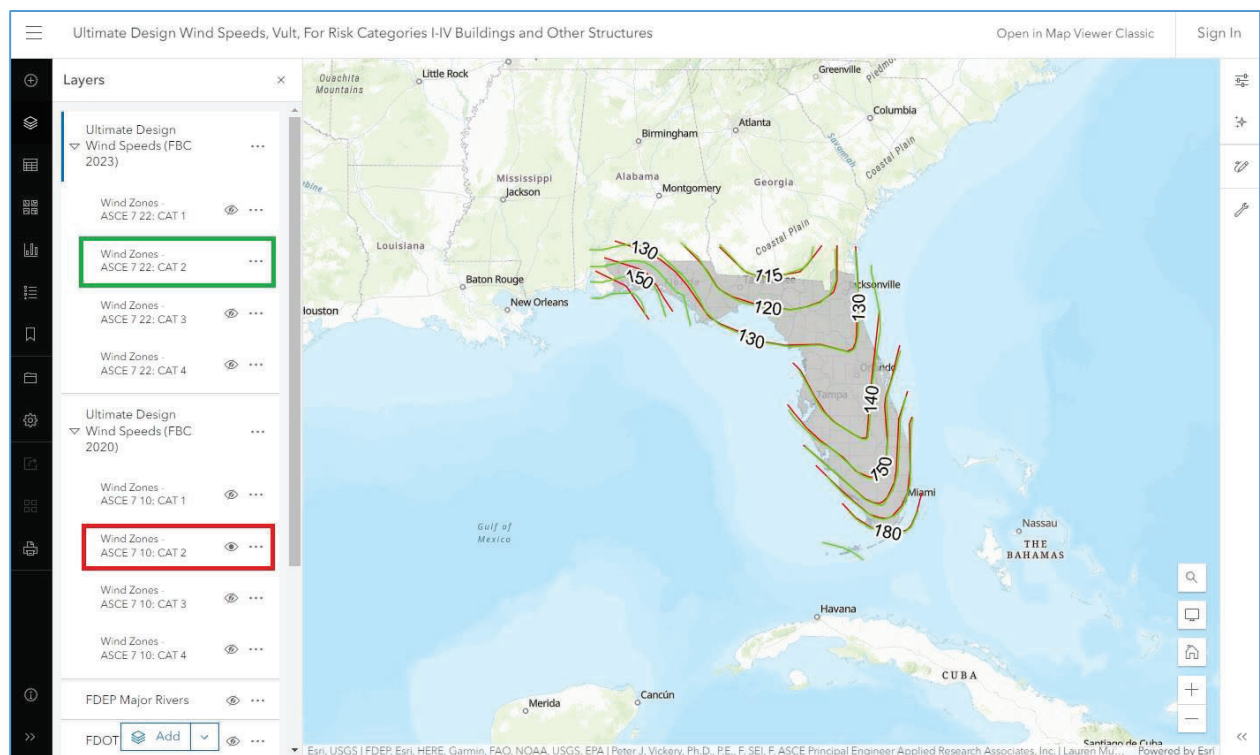




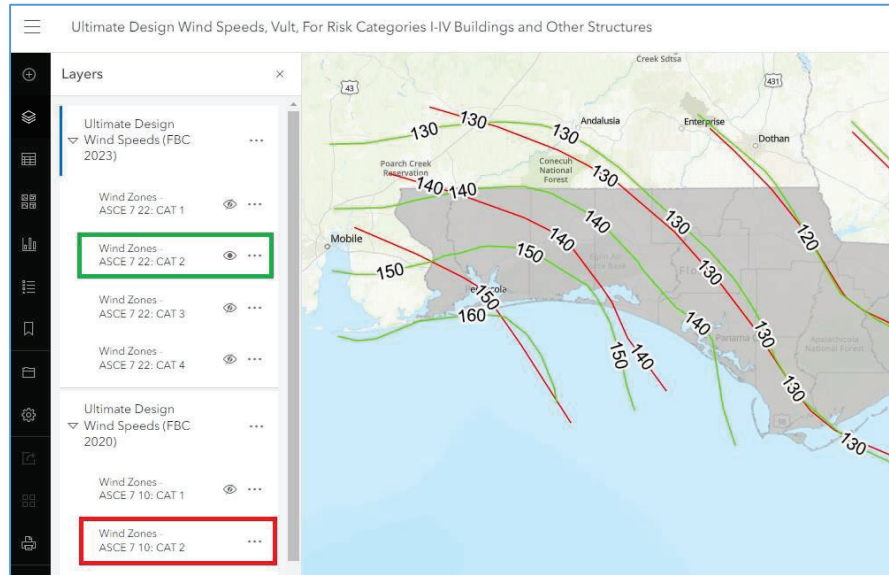
Click on “Ultimate Design Wind Speeds (FBC 2023)” to reveal all four wind speed line categories (CAT I-IV) shown in green. Turn each layer on and off using the Show Layer “eye” button.



The user can compare the changes in wind speed lines from 2020 to 2023. The 2020 wind speed line layers are available under “Ultimate Design Wind Speeds (FBC 2020)”. The image below shows the statewide comparison of the CAT II lines 2020 (red) to 2023 (green).



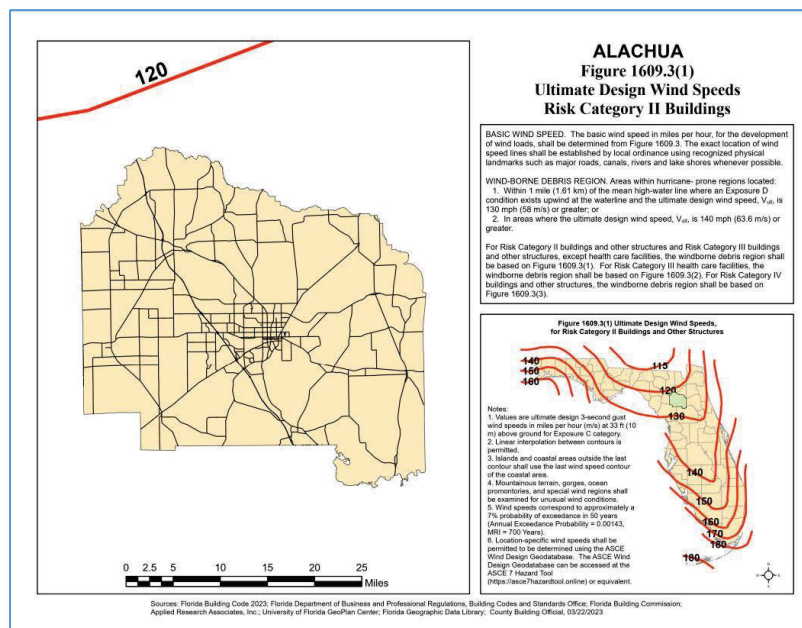
Map navigation tools are located in the lower right corner of the viewer. Zoom into an area of interest, and compare any changes in more detail.



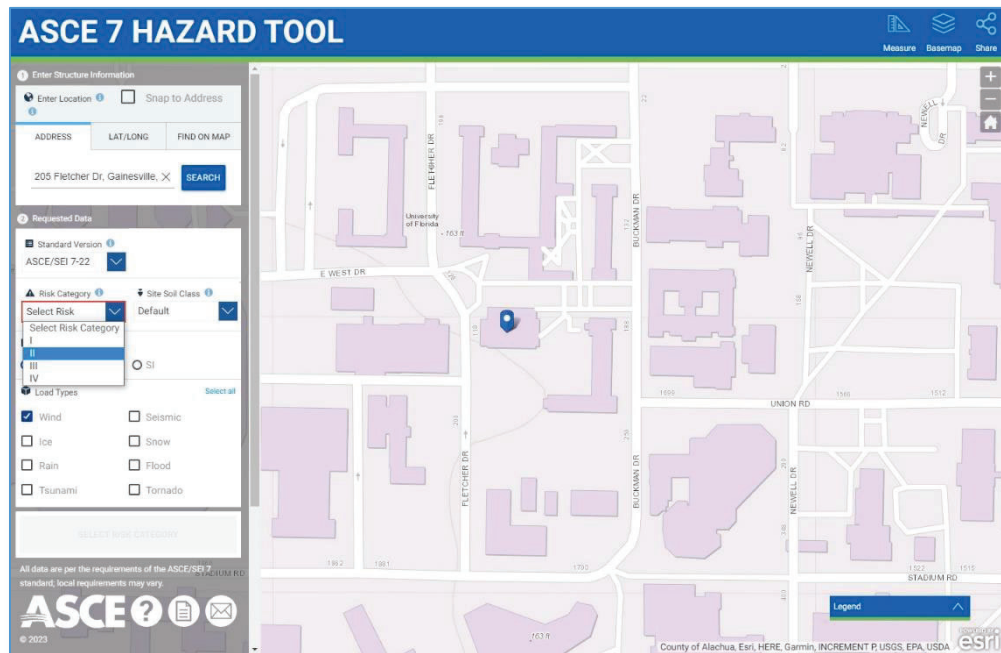
The Florida Building Code (FBC) 8th Edition (2023): FIGURES 1609.3(1-4) show in green are available for download from the Florida Geographic Data Library ([www.fgdl.org](http://www.fgdl.org)). The links to these four datasets are included on Page 5 of this document.

Individual Preliminary Countywide (CAT I-IV) 2023 PDF maps are also available for download from the following location:

[https://ad hoc.geoplan.ufl.edu/downloads/kate/windspeed\\_2023/Preliminary\\_County\\_PDFs\\_Draft\\_20230322/](https://ad hoc.geoplan.ufl.edu/downloads/kate/windspeed_2023/Preliminary_County_PDFs_Draft_20230322/)



Additionally, the **ASCE 7 HAZARD TOOL** (<https://asce7hazardtool.online>) is now available. The ASCE 7 Hazard Tool, is a quick, reliable, and free way to look up key design parameters specified in Standard ASCE/SEI 7-22. Simply input a street address, select a wind speed category, click Wind, and then click View Results.



The initial report shows an interpolated wind speed number for the address. A more detailed PDF report for download can be created by clicking “Full Report”.

Location

205 Fletcher Dr, Gainesville, Florida, 32611

Elevation

165 ft with respect to North American Vertical Datum of 1988 (NAVD 88)

Lat:

29.650218

Long:

-82.345698

Standard:

ASCE/SEI 7-22

Risk Category:

II

Soil Class:

Default

Wind

Overlay ☐

125 Vmph

DETAILS

FULL REPORT

SUMMARY

## Ultimate Design Wind Speeds 2023 GIS Data Download Location:

### **ASCE/SEI 7-22 Risk Category I Basic Wind Speed Map (300yr) for Florida - 2021**

FILENAME: WINDZONES\_CAT1\_ASCE7\_22\_JUN21

External Metadata:

[https://fgdl.org/zips/metadata/xml/windzones\\_cat1\\_asce7\\_22\\_jun21.xml](https://fgdl.org/zips/metadata/xml/windzones_cat1_asce7_22_jun21.xml)

Data Download:

[https://fgdl.org/zips/geospatial\\_data/archive/windzones\\_cat1\\_asce7\\_22\\_jun21.zip](https://fgdl.org/zips/geospatial_data/archive/windzones_cat1_asce7_22_jun21.zip)

### **ASCE/SEI 7-22 Risk Category II Basic Wind Speed Map (700yr) for Florida - 2021**

FILENAME: WINDZONES\_CAT2\_ASCE7\_22\_JUN21

External Metadata:

[https://fgdl.org/zips/metadata/xml/windzones\\_cat2\\_asce7\\_22\\_jun21.xml](https://fgdl.org/zips/metadata/xml/windzones_cat2_asce7_22_jun21.xml)

Data Download:

[https://fgdl.org/zips/geospatial\\_data/archive/windzones\\_cat2\\_asce7\\_22\\_jun21.zip](https://fgdl.org/zips/geospatial_data/archive/windzones_cat2_asce7_22_jun21.zip)

### **ASCE/SEI 7-22 Risk Category III Basic Wind Speed Map (1700yr) for Florida - 2021**

FILENAME: WINDZONES\_CAT3\_ASCE7\_22\_JUN21

External Metadata:

[https://fgdl.org/zips/metadata/xml/windzones\\_cat3\\_asce7\\_22\\_jun21.xml](https://fgdl.org/zips/metadata/xml/windzones_cat3_asce7_22_jun21.xml)

Data Download:

[https://fgdl.org/zips/geospatial\\_data/archive/windzones\\_cat3\\_asce7\\_22\\_jun21.zip](https://fgdl.org/zips/geospatial_data/archive/windzones_cat3_asce7_22_jun21.zip)

### **ASCE/SEI 7-22 Risk Category IV Basic Wind Speed Map (3000yr) for Florida - 2021**

FILENAME: WINDZONES\_CAT4\_ASCE7\_22\_JUN21

External Metadata:

[https://fgdl.org/zips/metadata/xml/windzones\\_cat4\\_asce7\\_22\\_jun21.xml](https://fgdl.org/zips/metadata/xml/windzones_cat4_asce7_22_jun21.xml)

Data Download:

[https://fgdl.org/zips/geospatial\\_data/archive/windzones\\_cat4\\_asce7\\_22\\_jun21.zip](https://fgdl.org/zips/geospatial_data/archive/windzones_cat4_asce7_22_jun21.zip)