Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (A1)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (A2)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (B1)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (B2)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (B3)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (B4)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (C1)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (C2)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (C3)
(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (C5)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (D2)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (D3)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (D4)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (D5)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (E2)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (E3)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (E4)

(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Exposure Category Zones for the Island of Maui for buildings with mean roof height less than 100 feet (E5)
(Based on NOAA land cover data 2002 and land satellite images)

Notes:
1. Intermediate exposures between categories B and C are permitted when substantiated per ASCE 7.
2. For buildings whose mean roof height is less than or equal to 30 ft, exposure category shall be permitted to be evaluated per Section 1609.4.
3. For buildings whose height is equal to or greater than 100 ft, exposure category shall be determined per Section 1609.4.1.
Wind Topographic Factor (Kzt) for the Island of Maui

Kzt Contour
- 0.80
- 0.90
- 1.0
- 1.20
- 1.40
- 1.60
- 1.80
- 2.0
- 2.50
- Major Roads

Land Use
- Green: Agriculture
- Orange: Conservation
- Gray: Urban
- Light Blue: Rural

Click your area of interest to view enlarged map.
Wind Topographic Factor (Kzt) for the Island of Maui (A1)
Wind Topographic Factor (Kzt) for the Island of Maui (A2)
Wind Topographic Factor (Kzt) for the Island of Maui (B1)
Wind Topographic Factor (Kzt) for the Island of Maui (B2)
Wind Topographic Factor (Kzt) for the Island of Maui (B3)
Wind Topographic Factor (Kzt) for the Island of Maui (B4)
Wind Topographic Factor (Kzt) for the Island of Maui (C1)

Streets

Kzt Contour
- 0.80
- 0.90
- 1.0
- 1.20
- 1.40
- 1.60
- 1.80
- 2.0
- 2.50

Land Use
- Agriculture
- Conservation
- Urban
- Rural

0 0.5 1 2 Miles
Wind Topographic Factor (Kzt) for the Island of Maui (C2)
Wind Topographic Factor (Kzt) for the Island of Maui (C4)
Wind Topographic Factor (Kzt) for the Island of Maui (D2)

Kzt Contour
- 0.80
- 0.90
- 1.0
- 1.20
- 1.40
- 1.60
- 1.80
- 2.0
- 2.50

Land Use
- Agriculture
- Conservation
- Urban
- Rural

Click here to return to index map
Wind Topographic Factor (Kzt) for the Island of Maui (D3)
Wind Topographic Factor (Kzt) for the Island of Maui (D4)
Wind Topographic Factor (Kzt) for the Island of Maui (D5)
Wind Topographic Factor (Kzt) for the Island of Maui (E3)
Wind Topographic Factor (Kzt) for the Island of Maui

Kzt Contour

- 0.80
- 0.90
- 1.0
- 1.20
- 1.40
- 1.60
- 1.80
- 2.0
- 2.50

Land Use

- Agriculture
- Conservation
- Urban
- Rural

Click here to return to index map

Streets

E4

E3

D3

D4

D5

Wind Topographic Factor (Kzt) for the Island of Maui (E4)

0 0.5 1 2

2 Miles
Effective Wind Speed Contour for the Island of Maui
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (A1)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (A2)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (B1)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (B2)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (B3)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (B4)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (C1)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (C2)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (C2)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (C3)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (C4)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (C5)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (D2)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (D3)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (D4)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (D5)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (E2)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (E3)
(for components and cladding with mean roof height less than or equal to 100 ft)
Effective Wind Speed Contour for the Island of Maui (E4)
(for components and cladding with mean roof height less than or equal to 100 ft)