

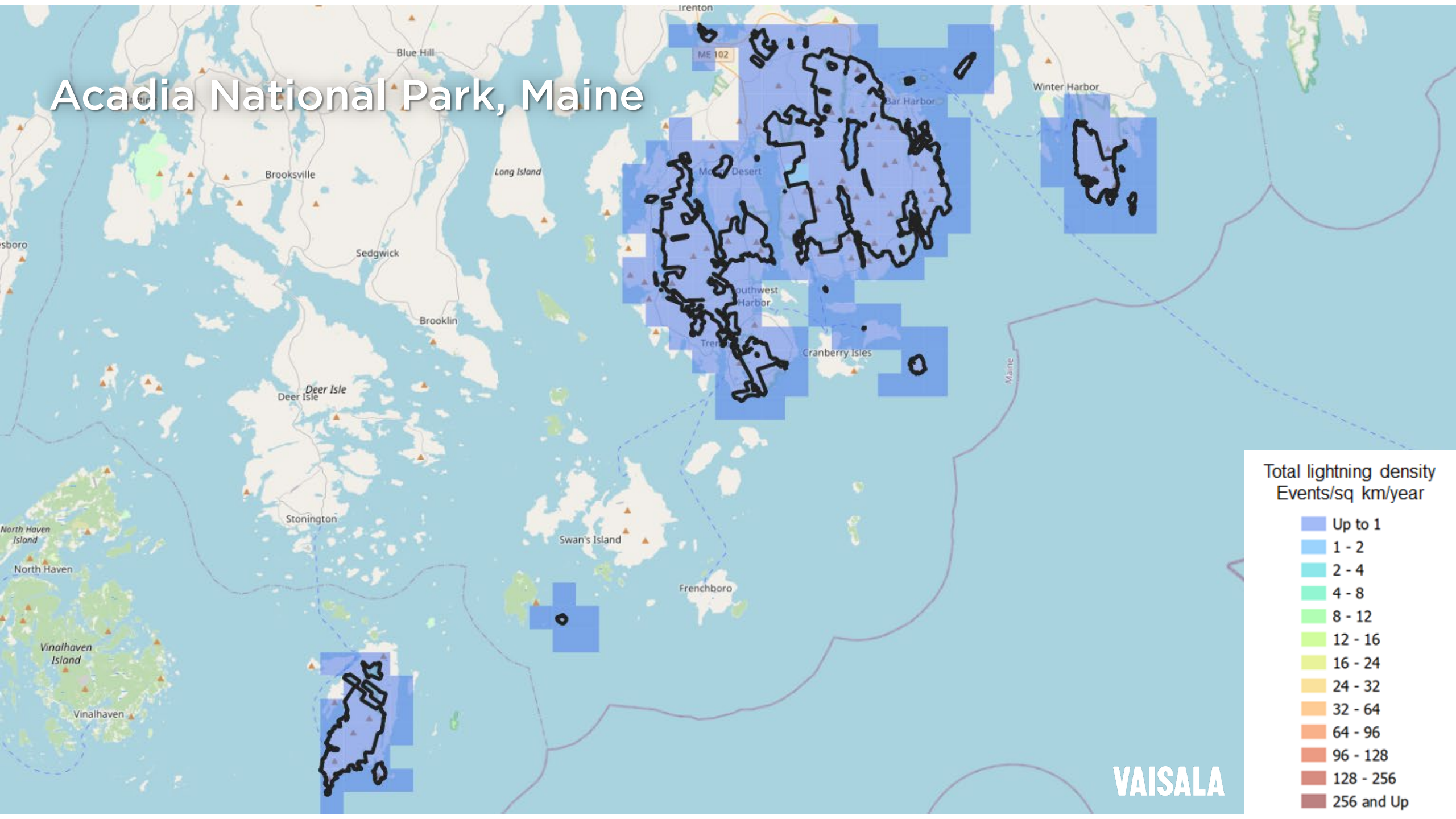


U.S. National Park Lightning Density Atlas

Based on NLDN In-Cloud and Cloud-to-Ground
Lightning from 2015 - 2021

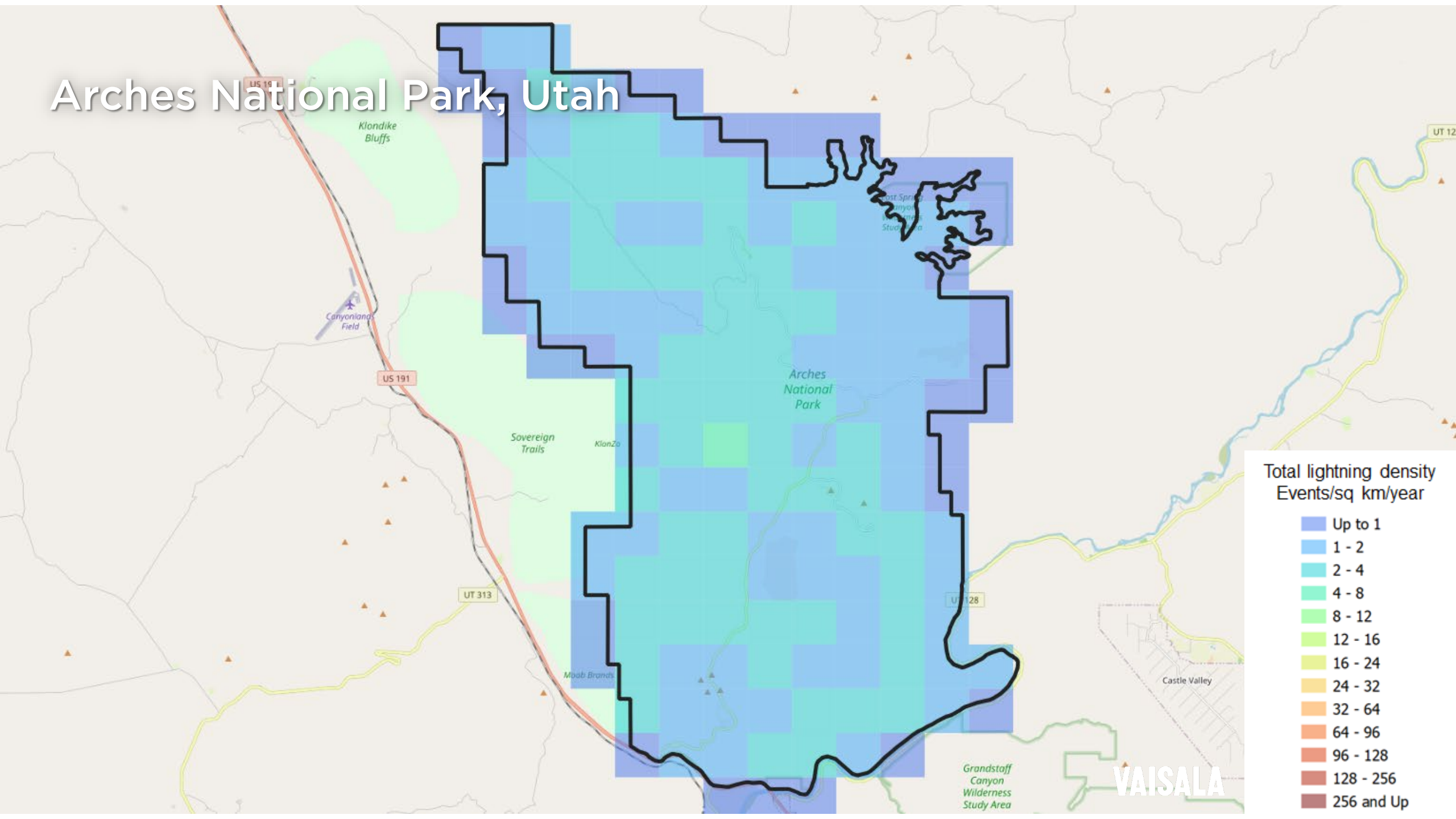
VAISALA

Acadia National Park, Maine



VAISALA

Arches National Park, Utah

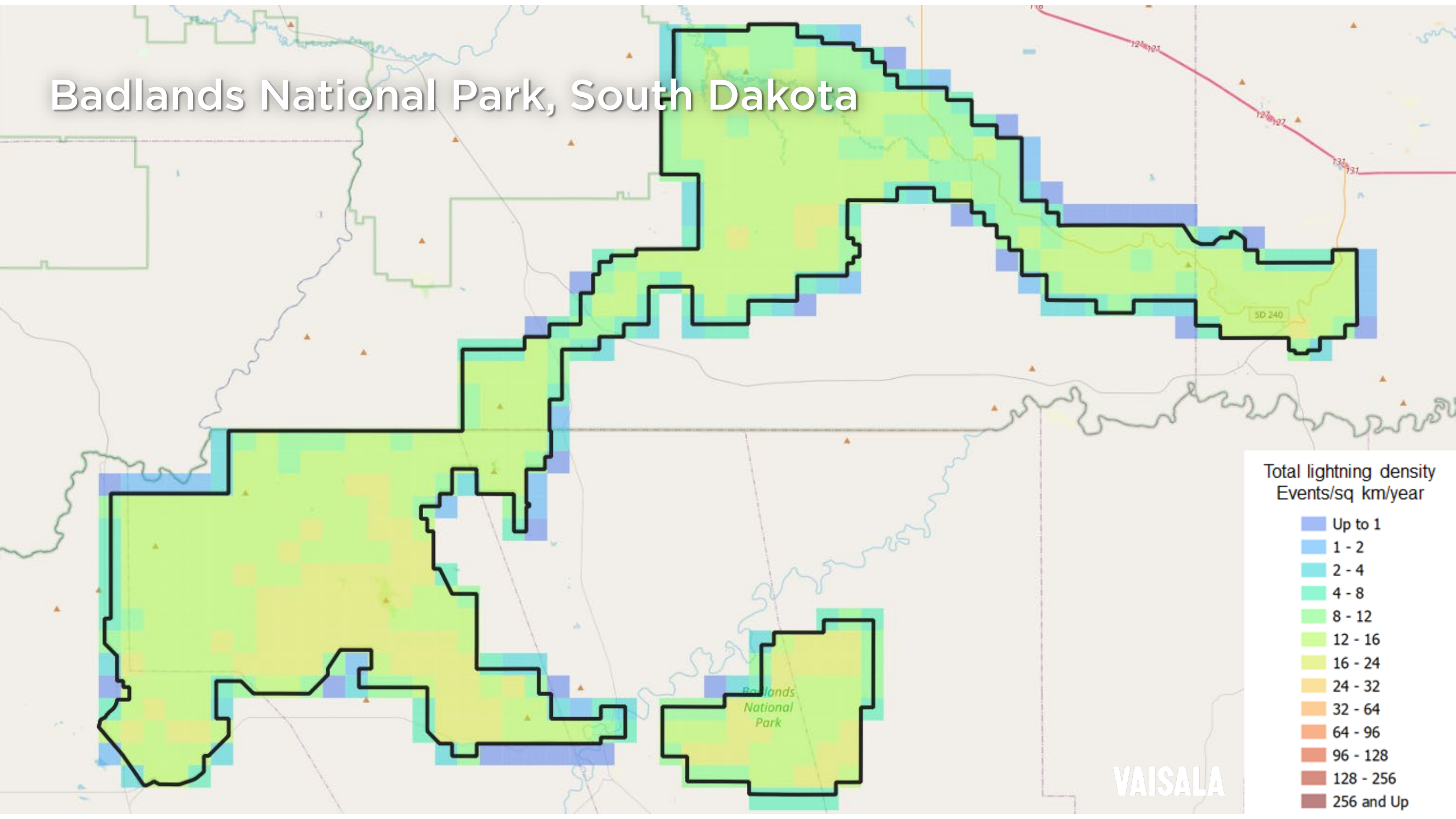


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Badlands National Park, South Dakota

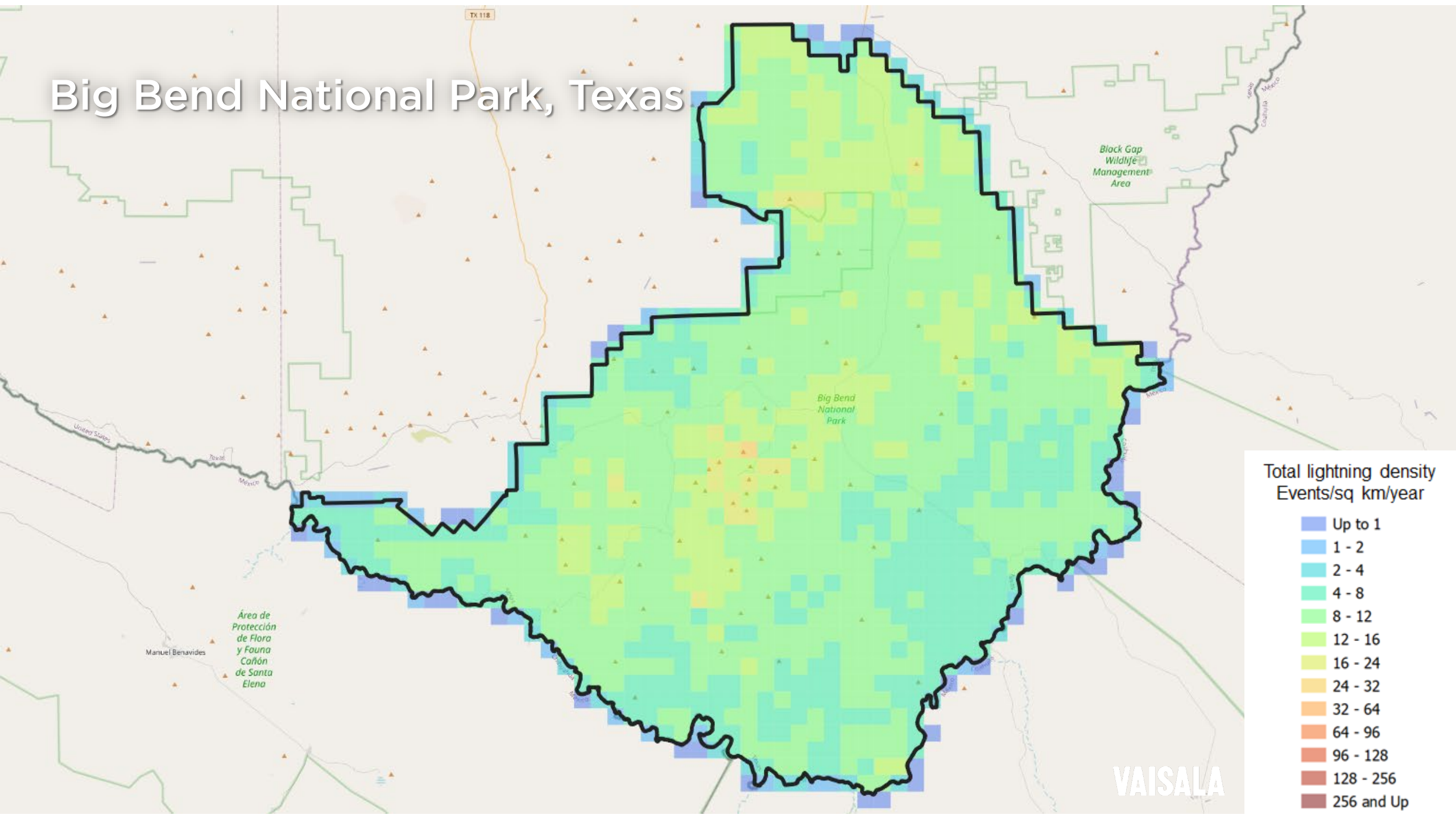


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Big Bend National Park, Texas

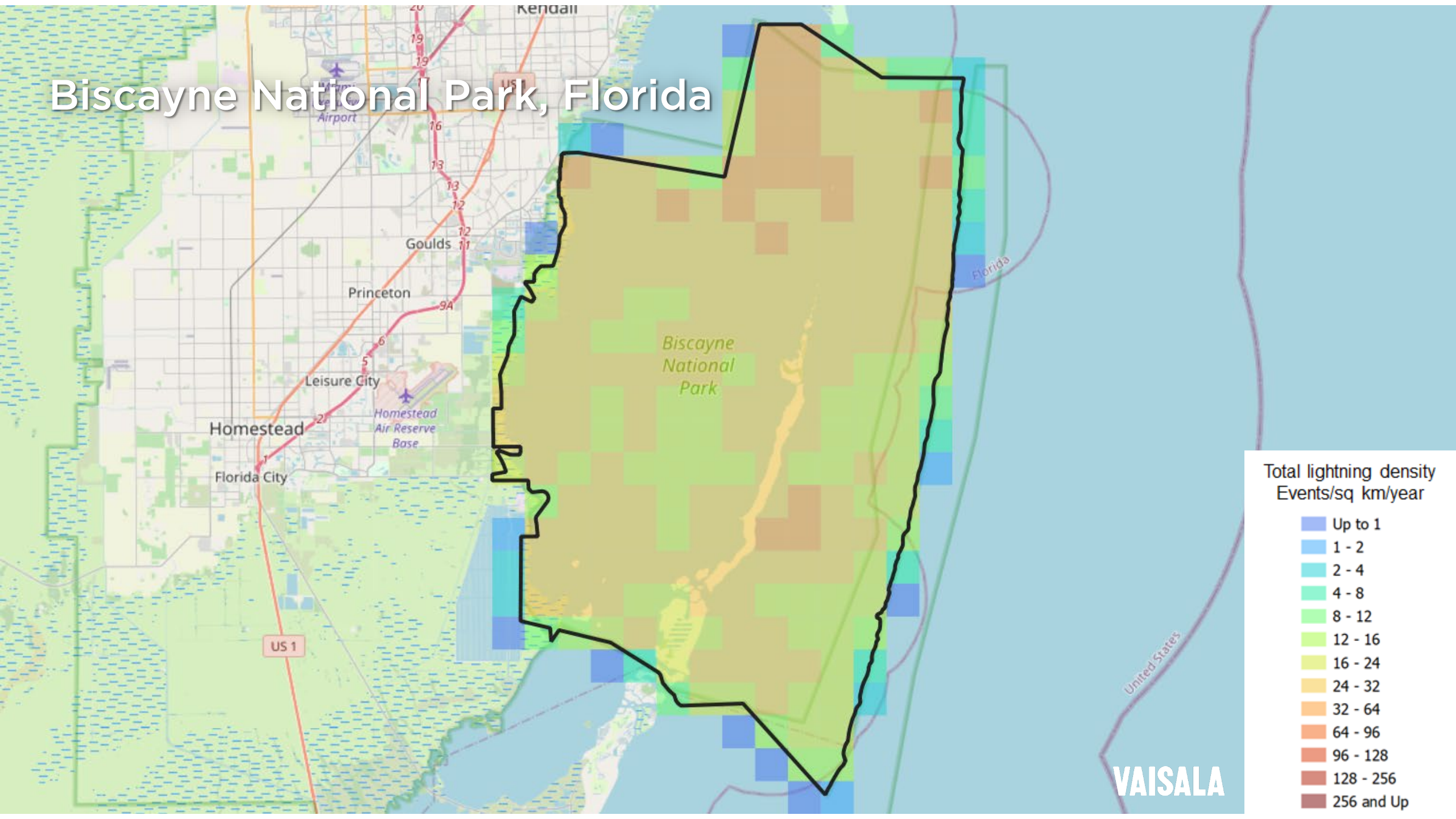


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

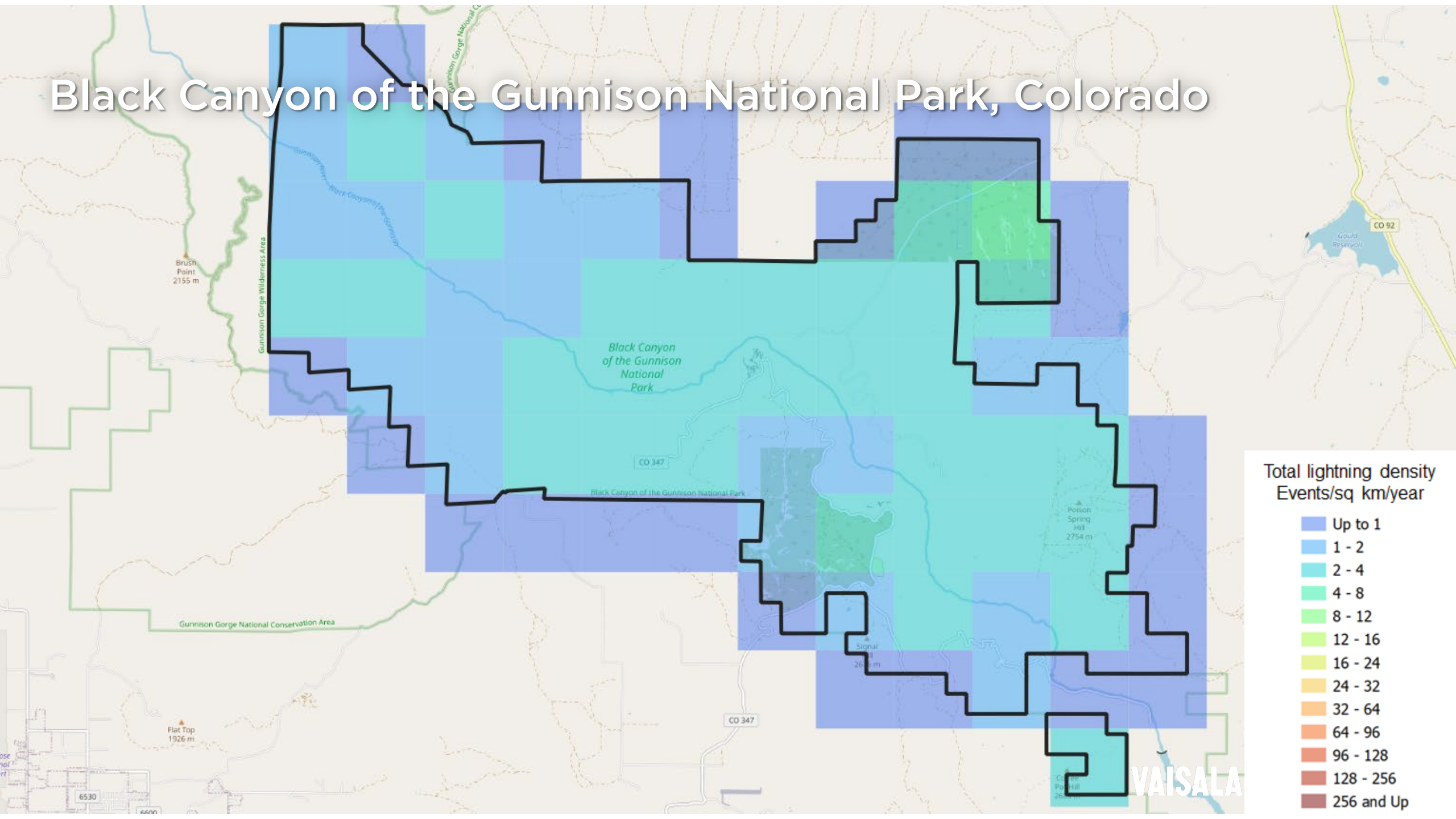
VAISALA

Biscayne National Park, Florida



VAISALA

Black Canyon of the Gunnison National Park, Colorado

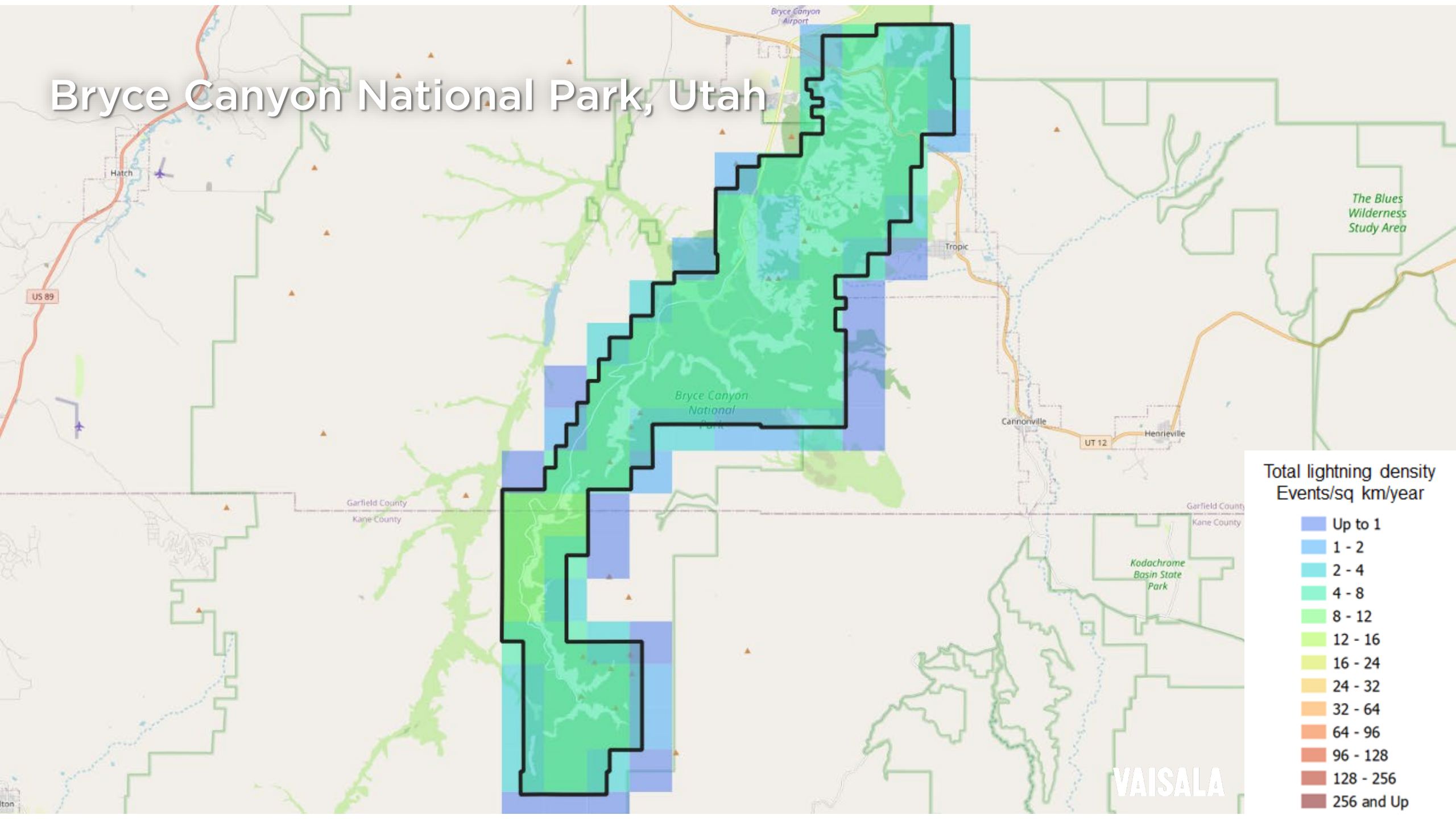


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Bryce Canyon National Park, Utah

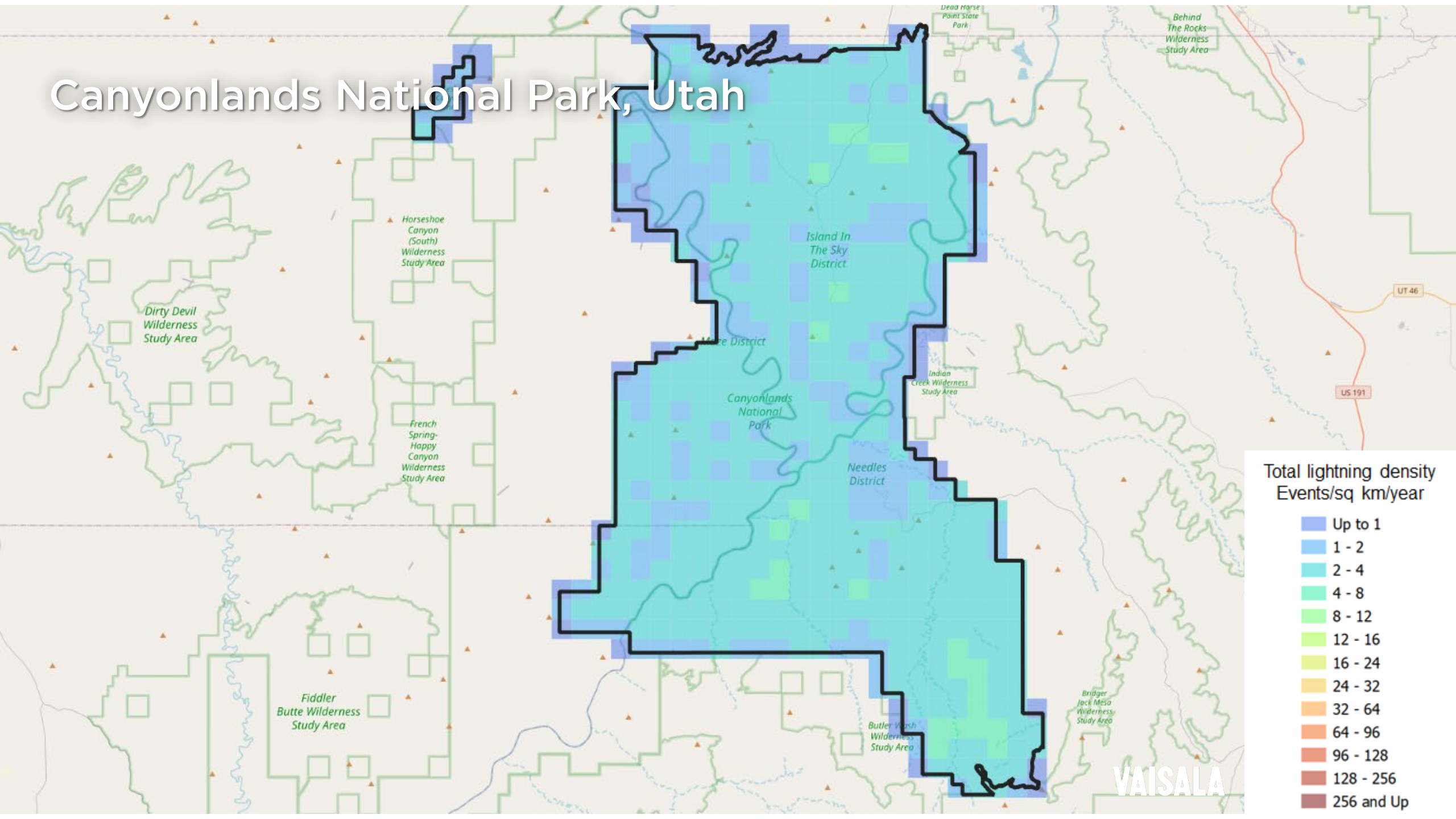


Total lightning density
Events/sq km/year

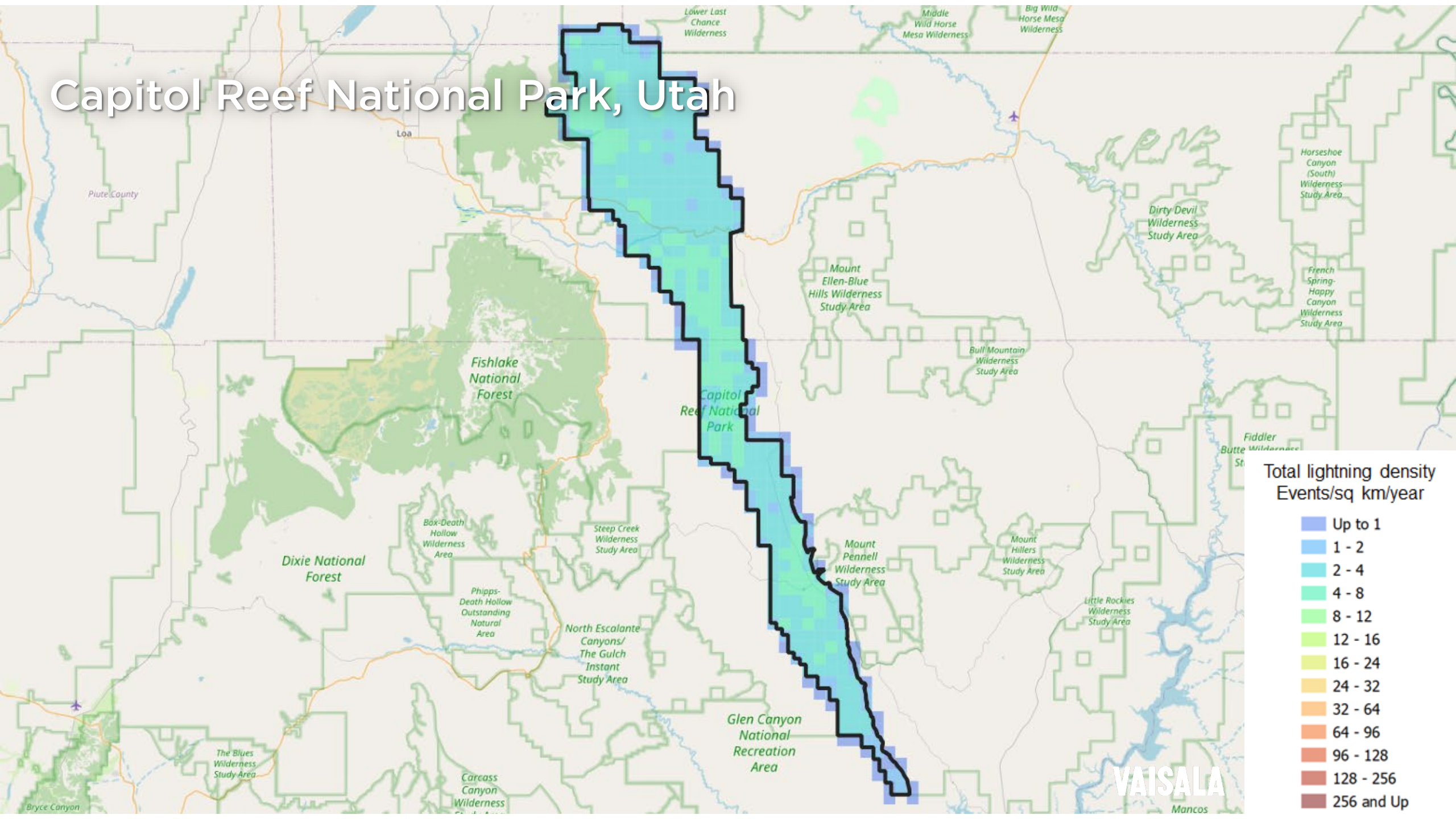
- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Canyonlands National Park, Utah



Capitol Reef National Park, Utah

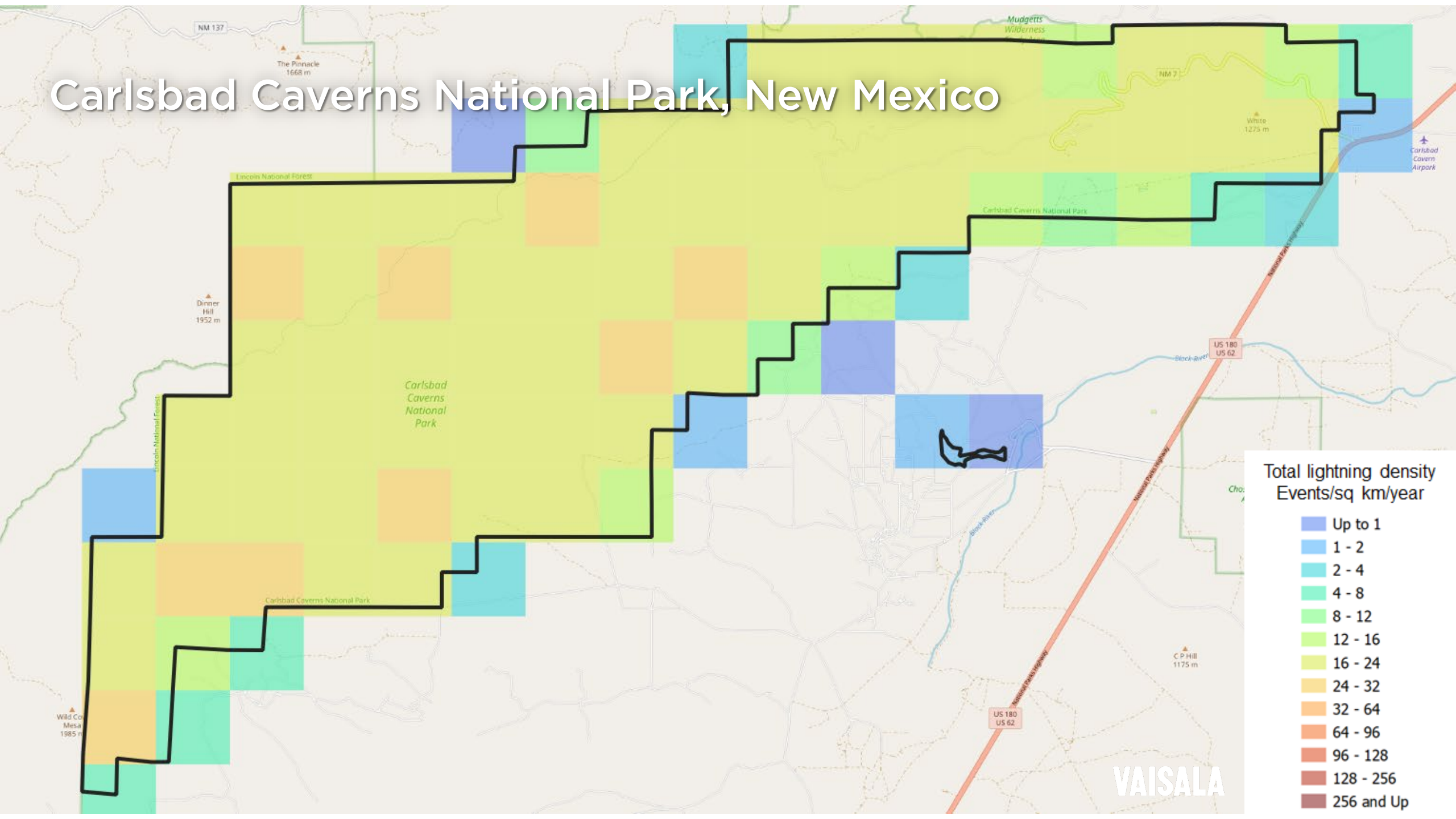


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Carlsbad Caverns National Park, New Mexico



Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Santa Barbara Channel

Channel Islands National Park, California

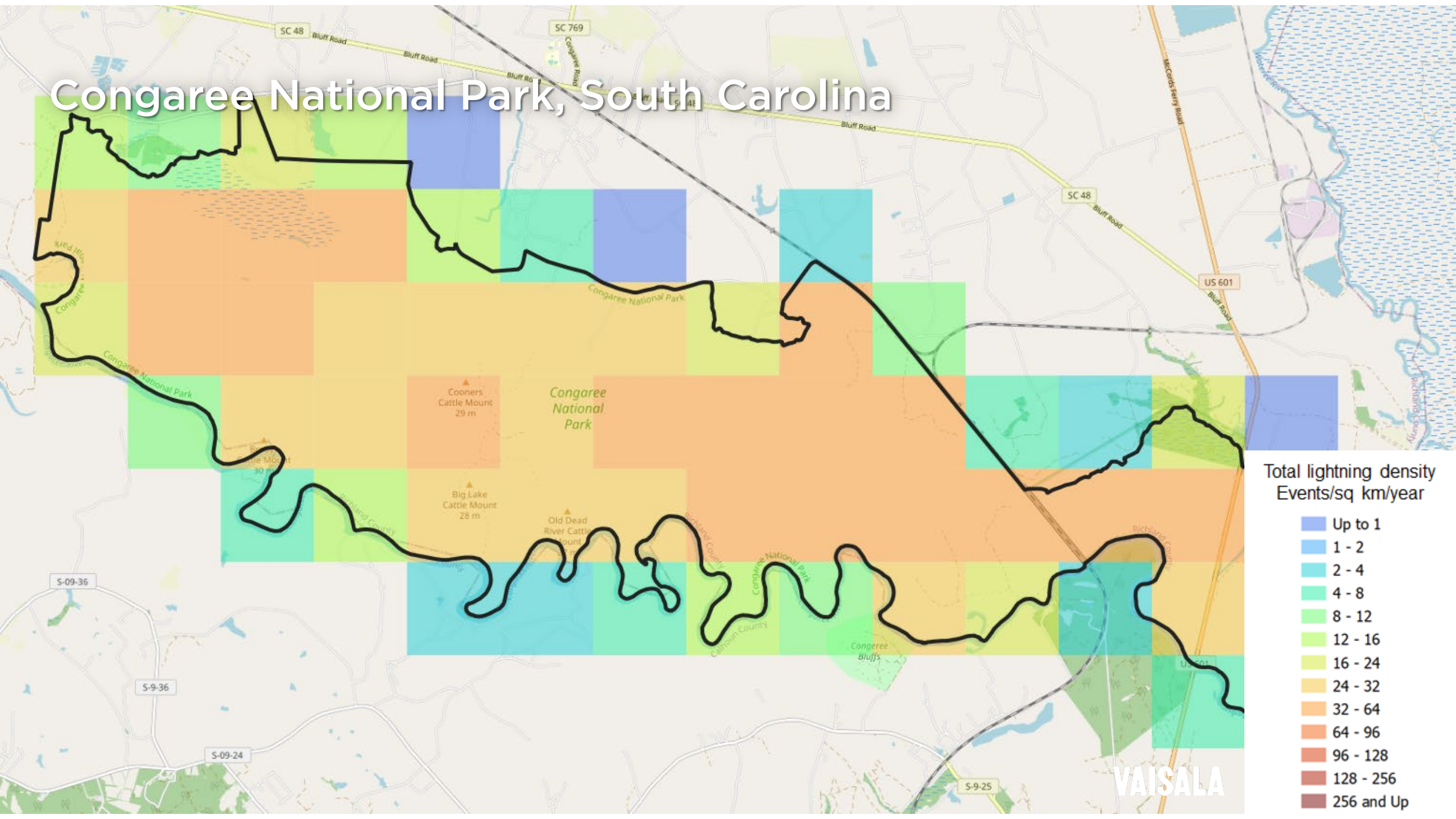


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

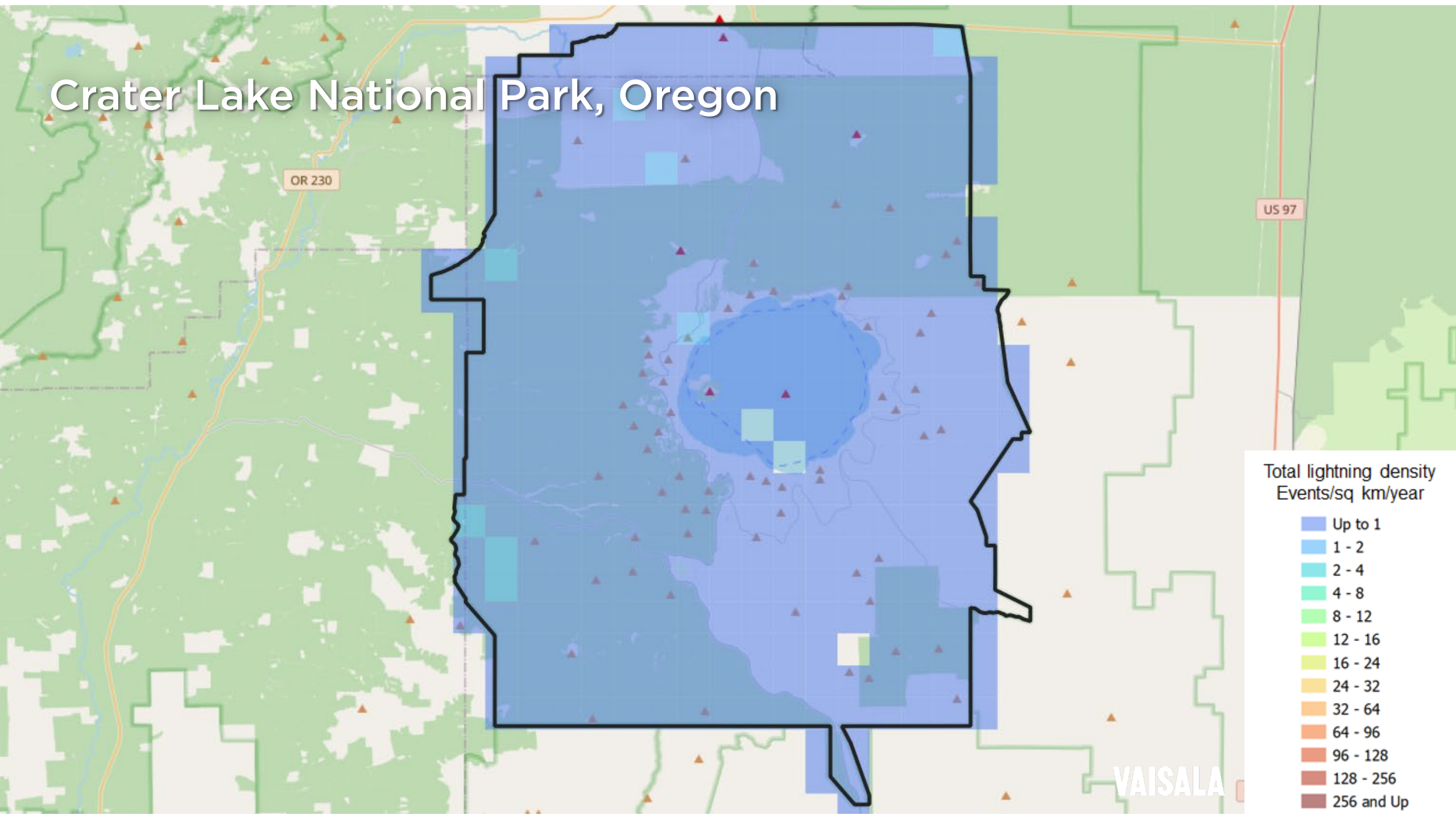
Congaree National Park, South Carolina



Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

Crater Lake National Park, Oregon

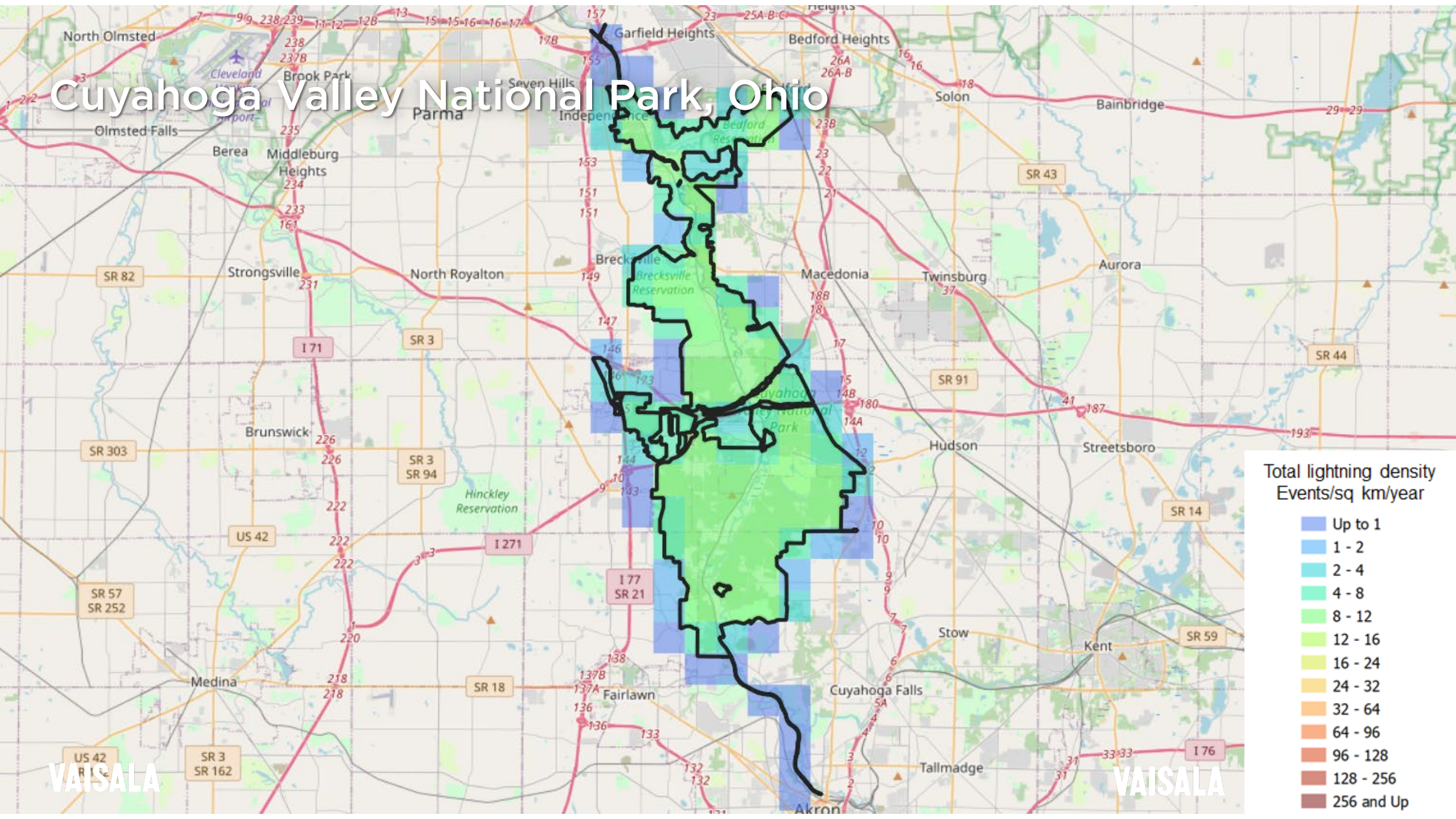


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

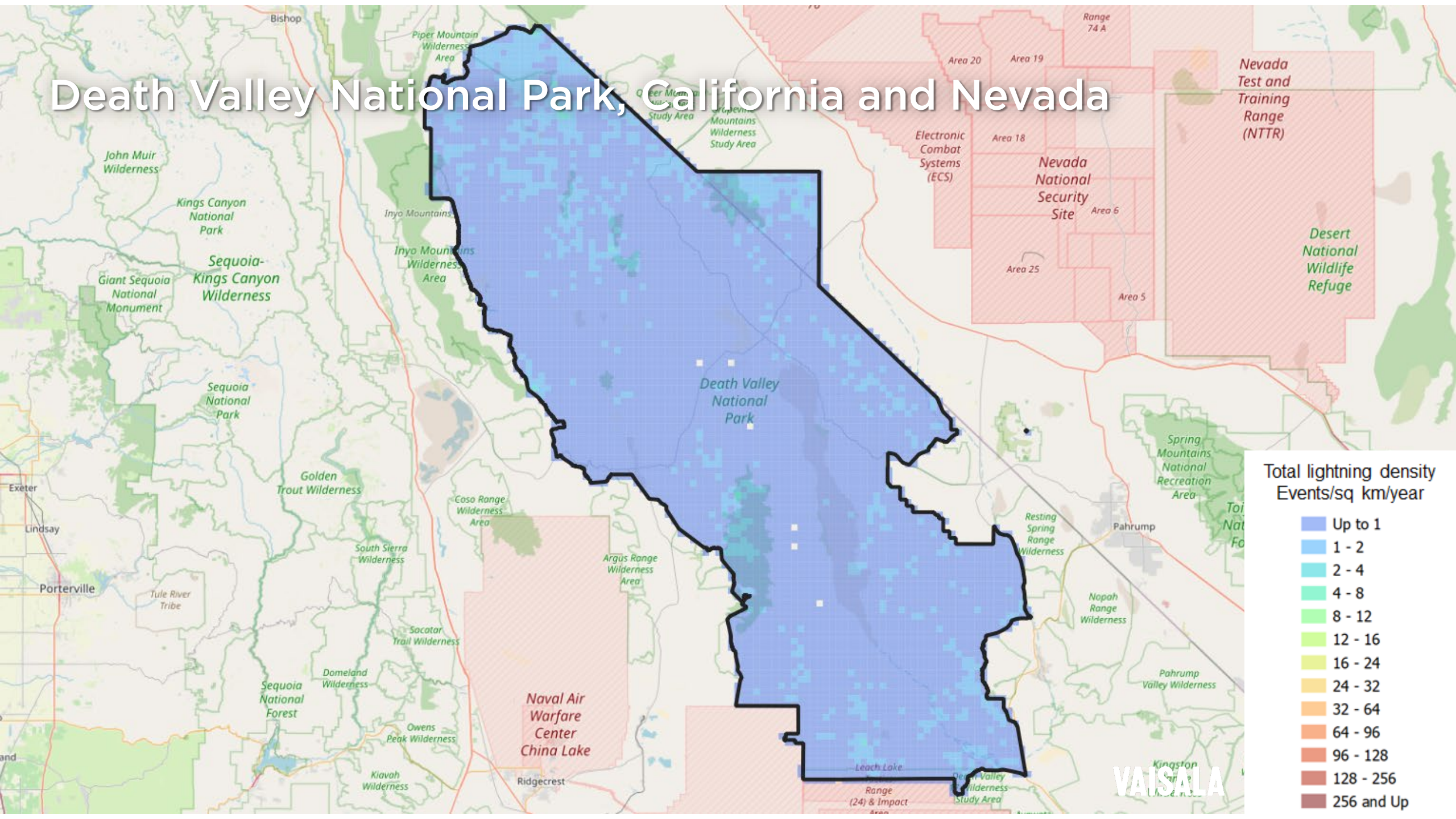
Cuyahoga Valley National Park, Ohio



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VAISALA

Death Valley National Park, California and Nevada

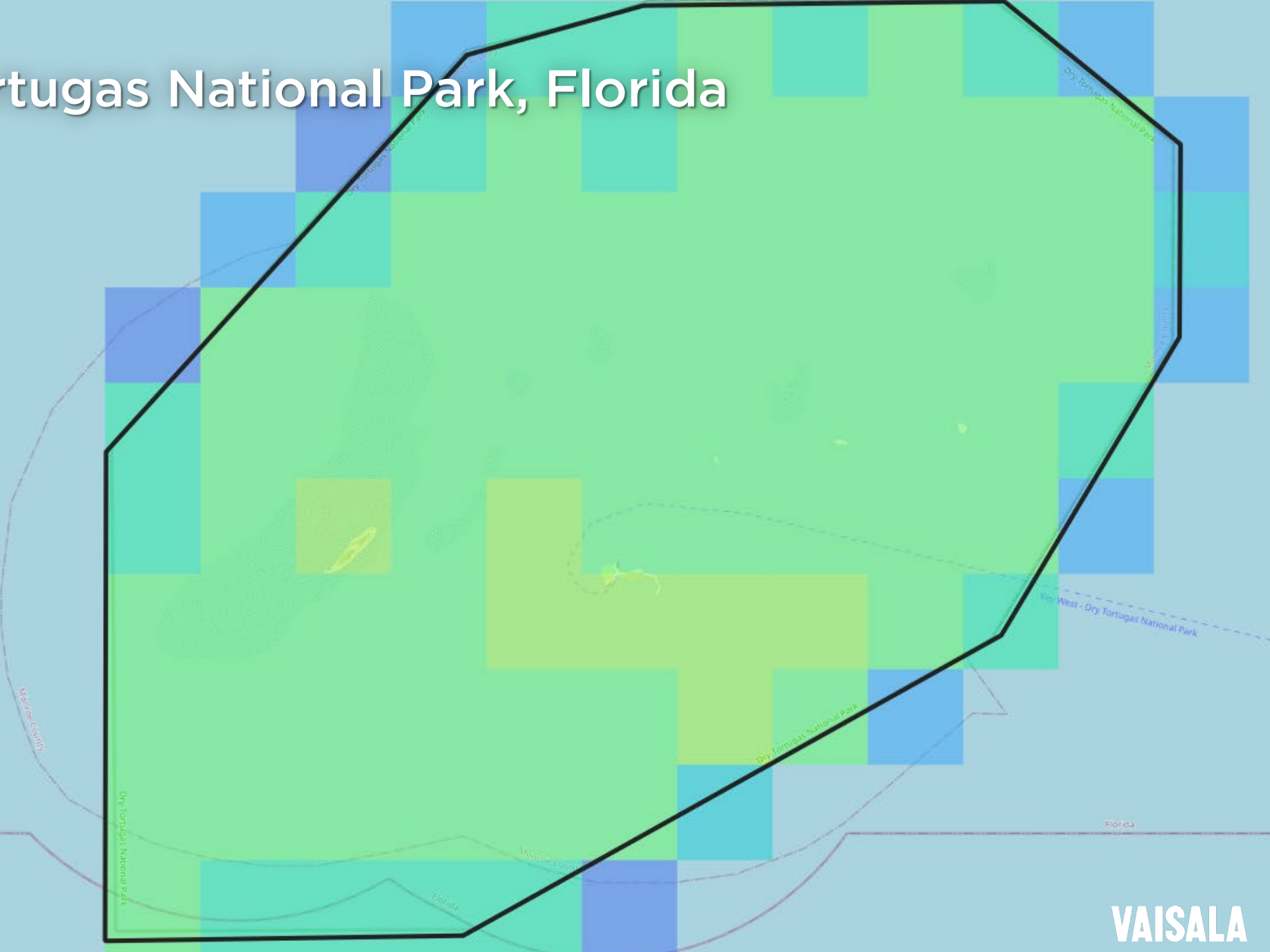


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

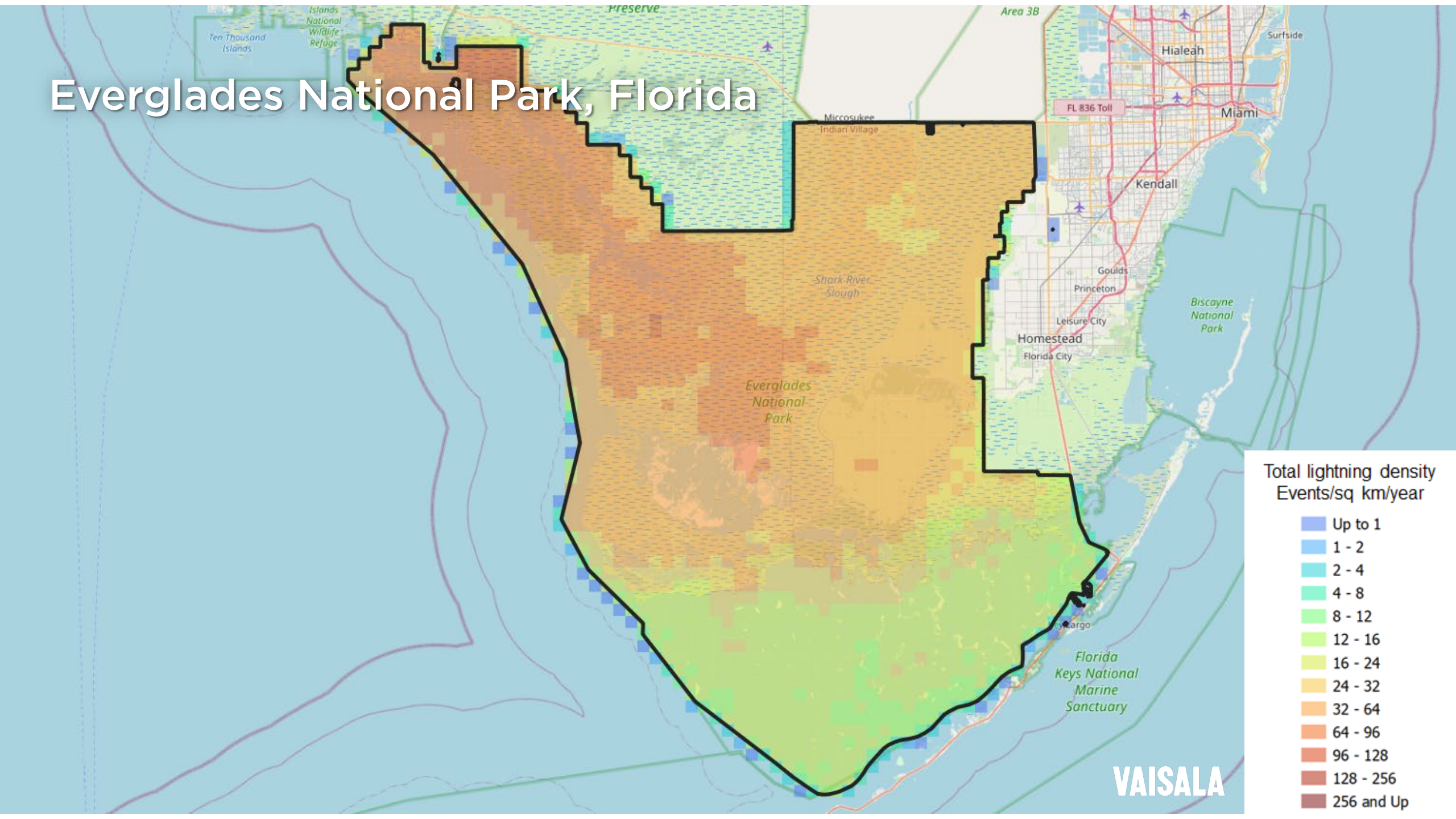
Dry Tortugas National Park, Florida



Total lightning density
Events/sq km/year

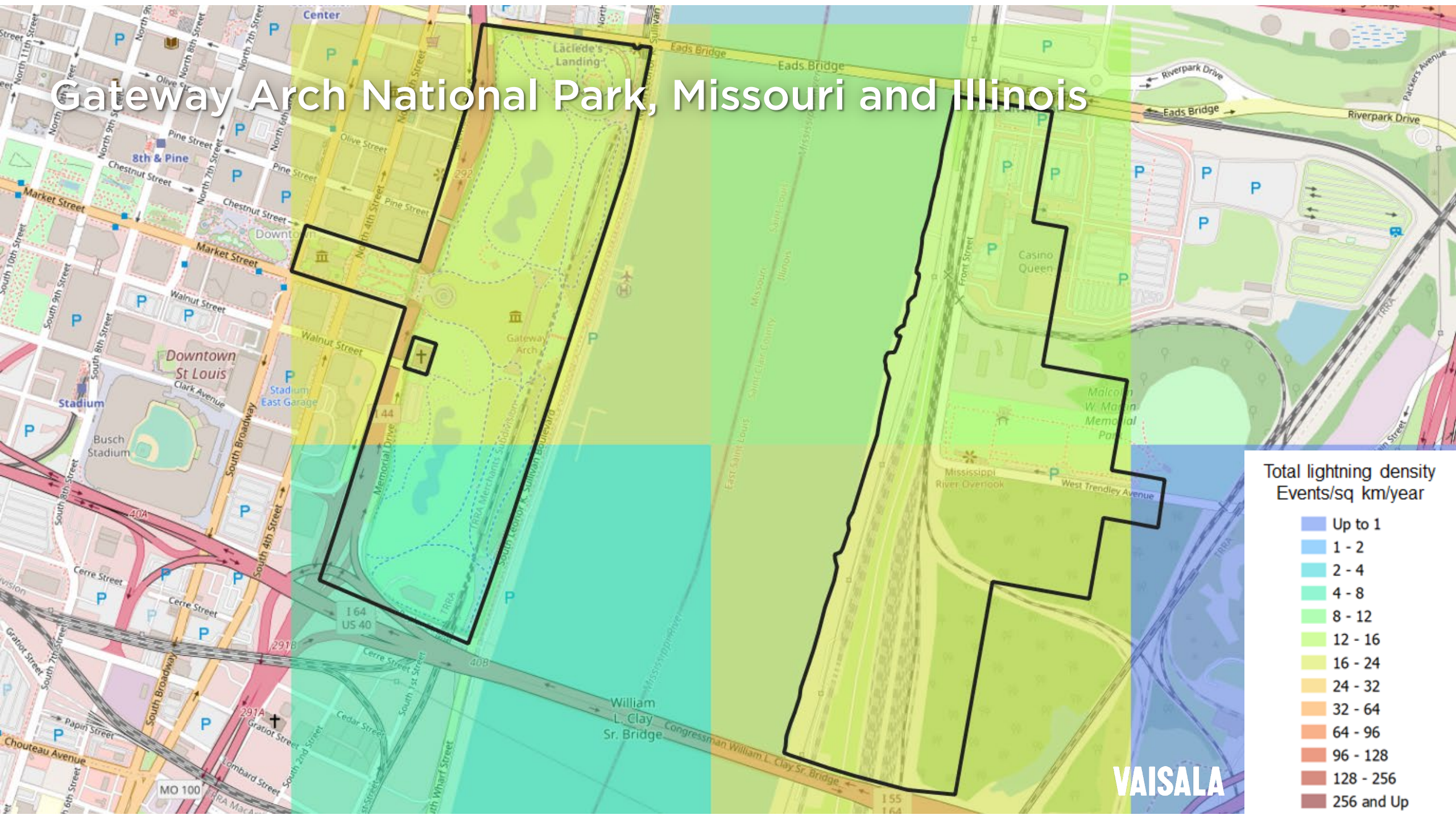
- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

Everglades National Park, Florida



VAISALA

Gateway Arch National Park, Missouri and Illinois

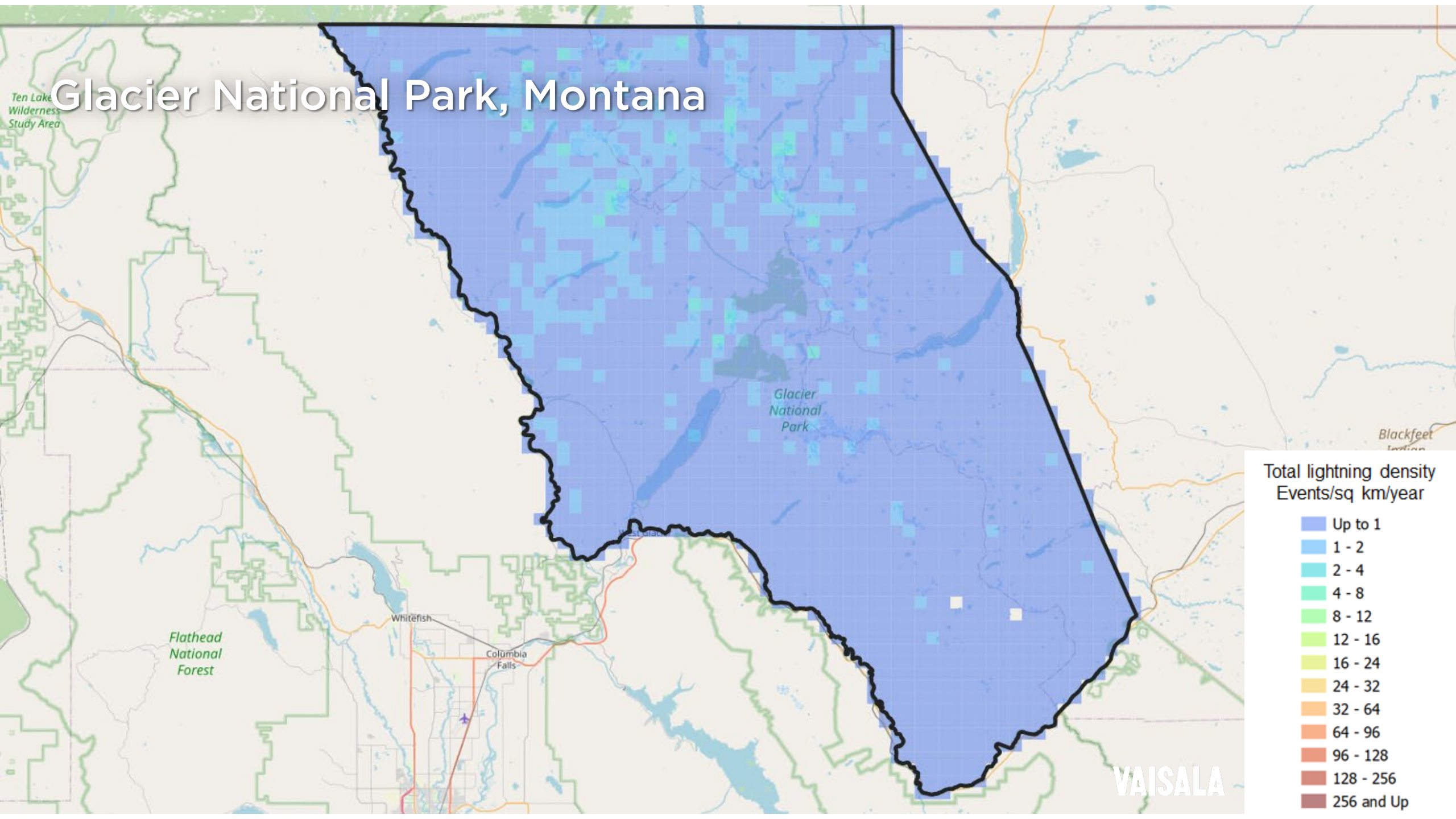


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Glacier National Park, Montana

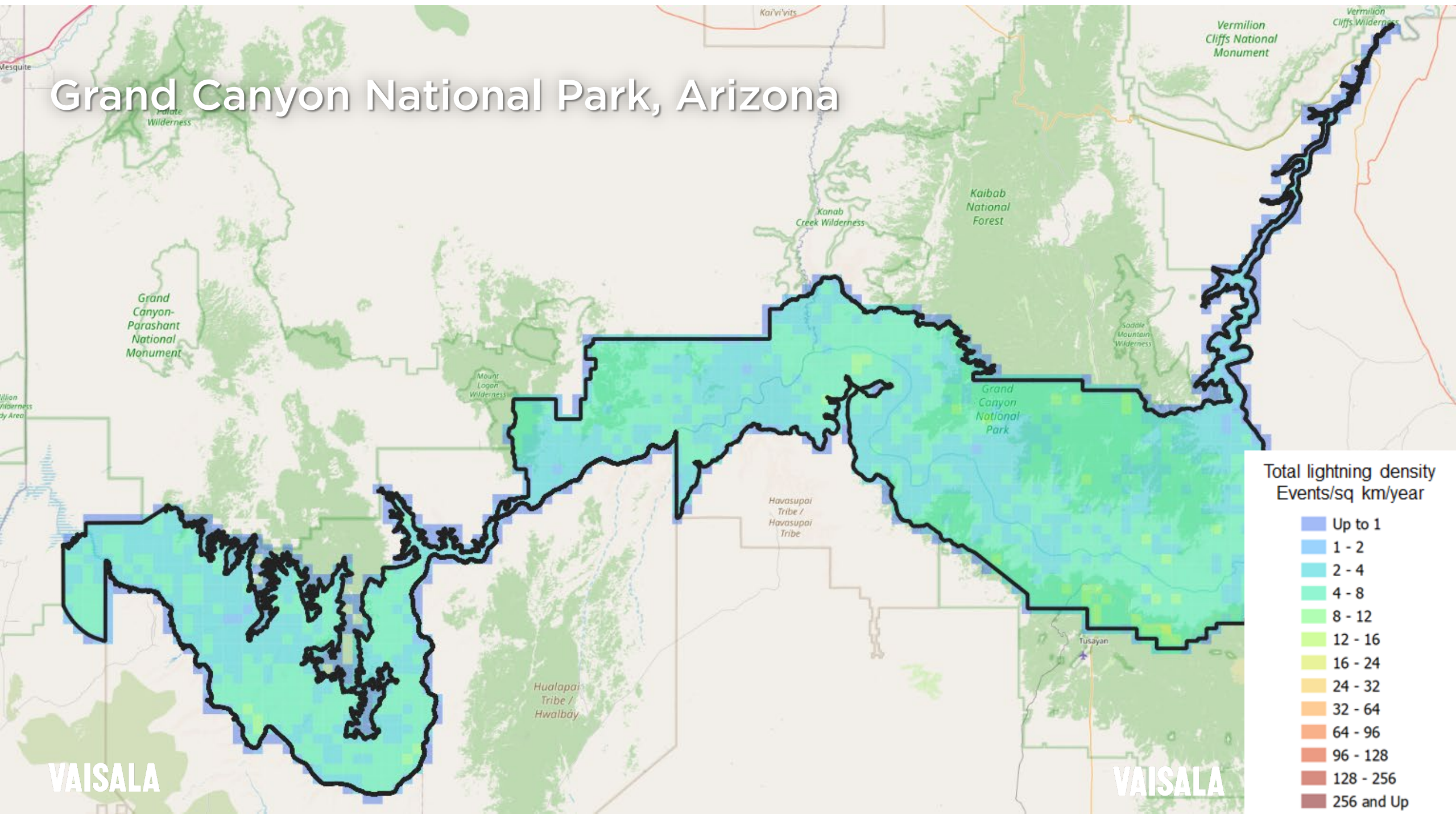


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

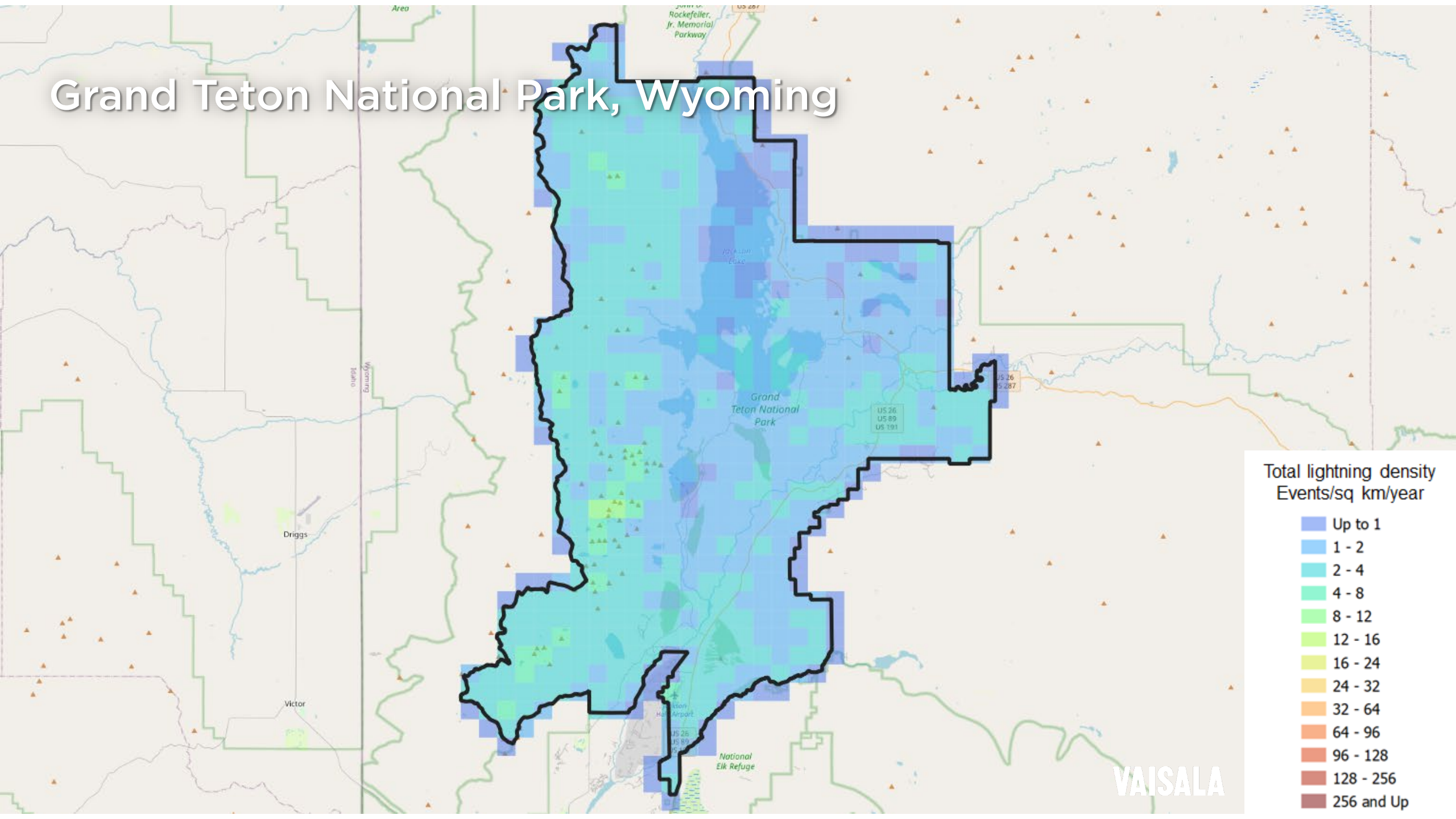
Grand Canyon National Park, Arizona



VAISALA

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Grand Teton National Park, Wyoming

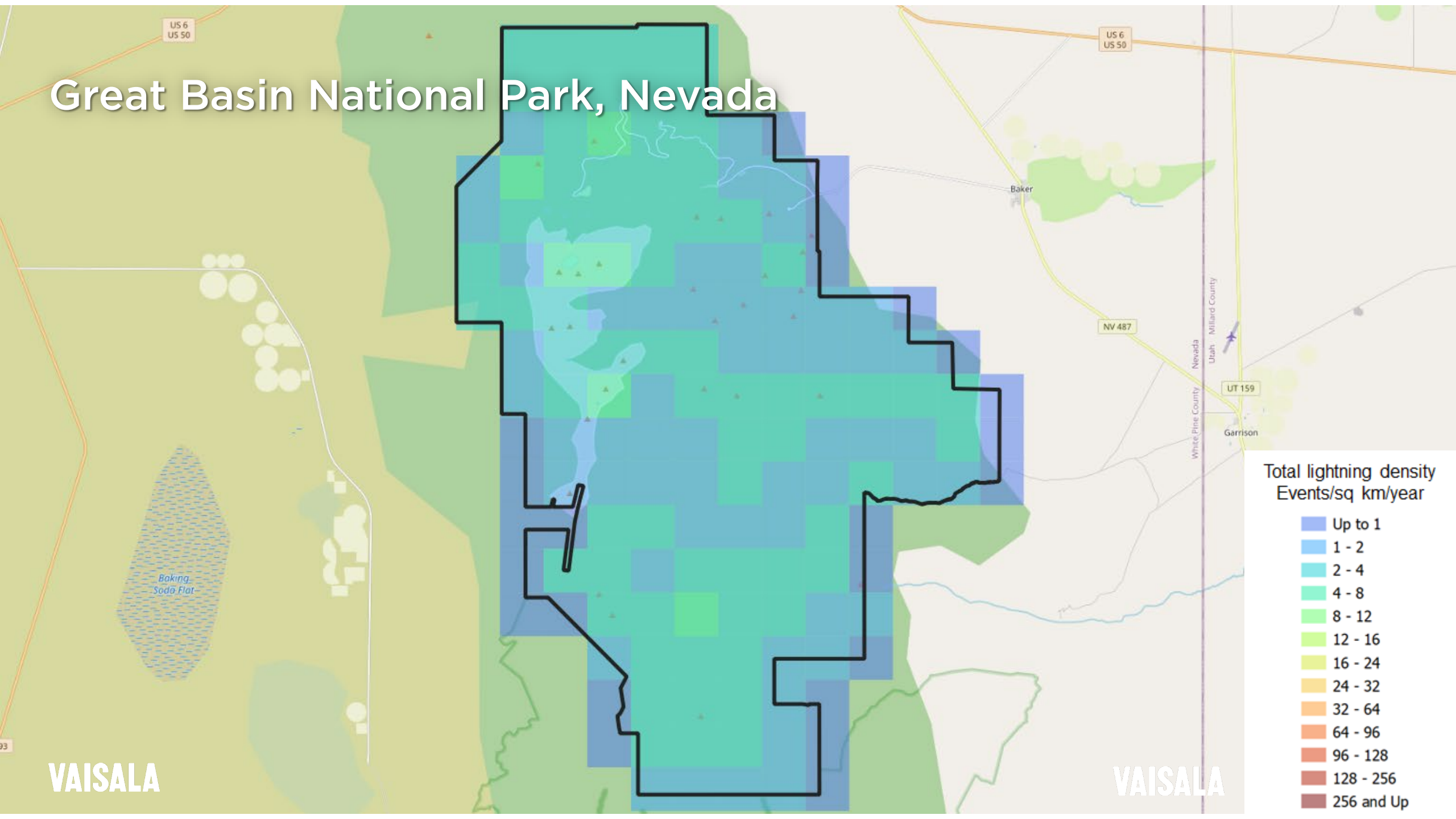


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Great Basin National Park, Nevada



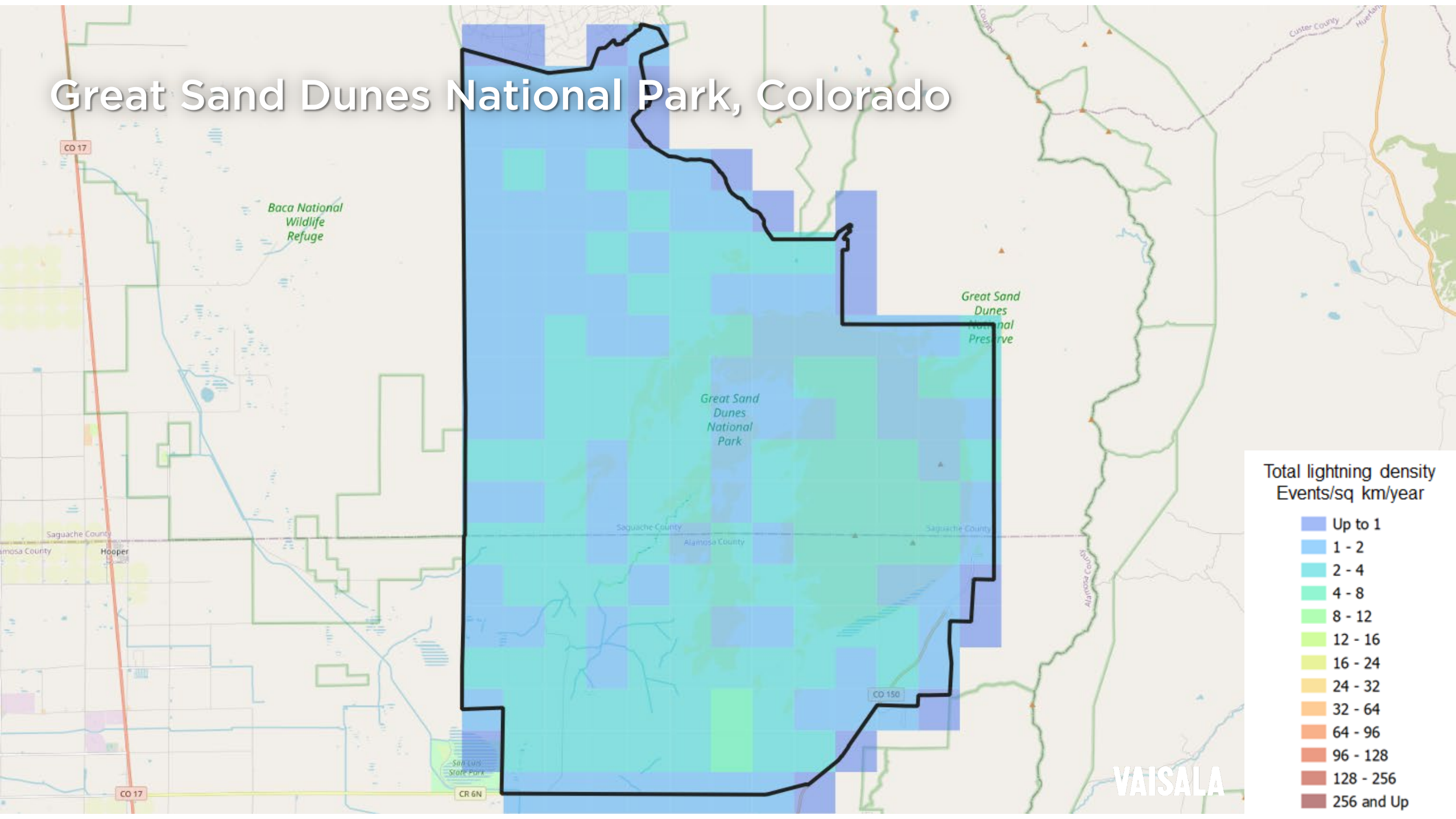
Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

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Great Sand Dunes National Park, Colorado

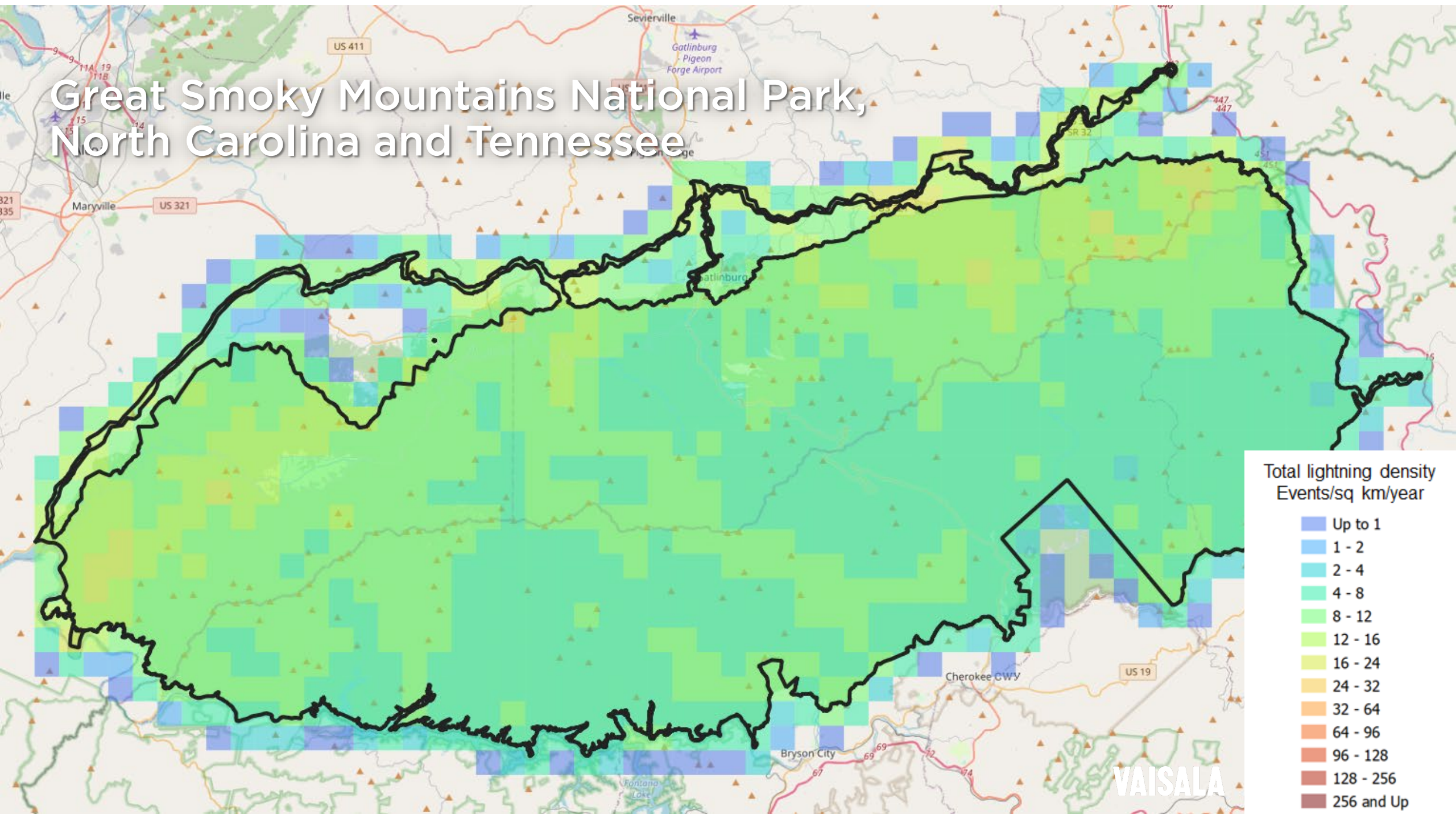


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

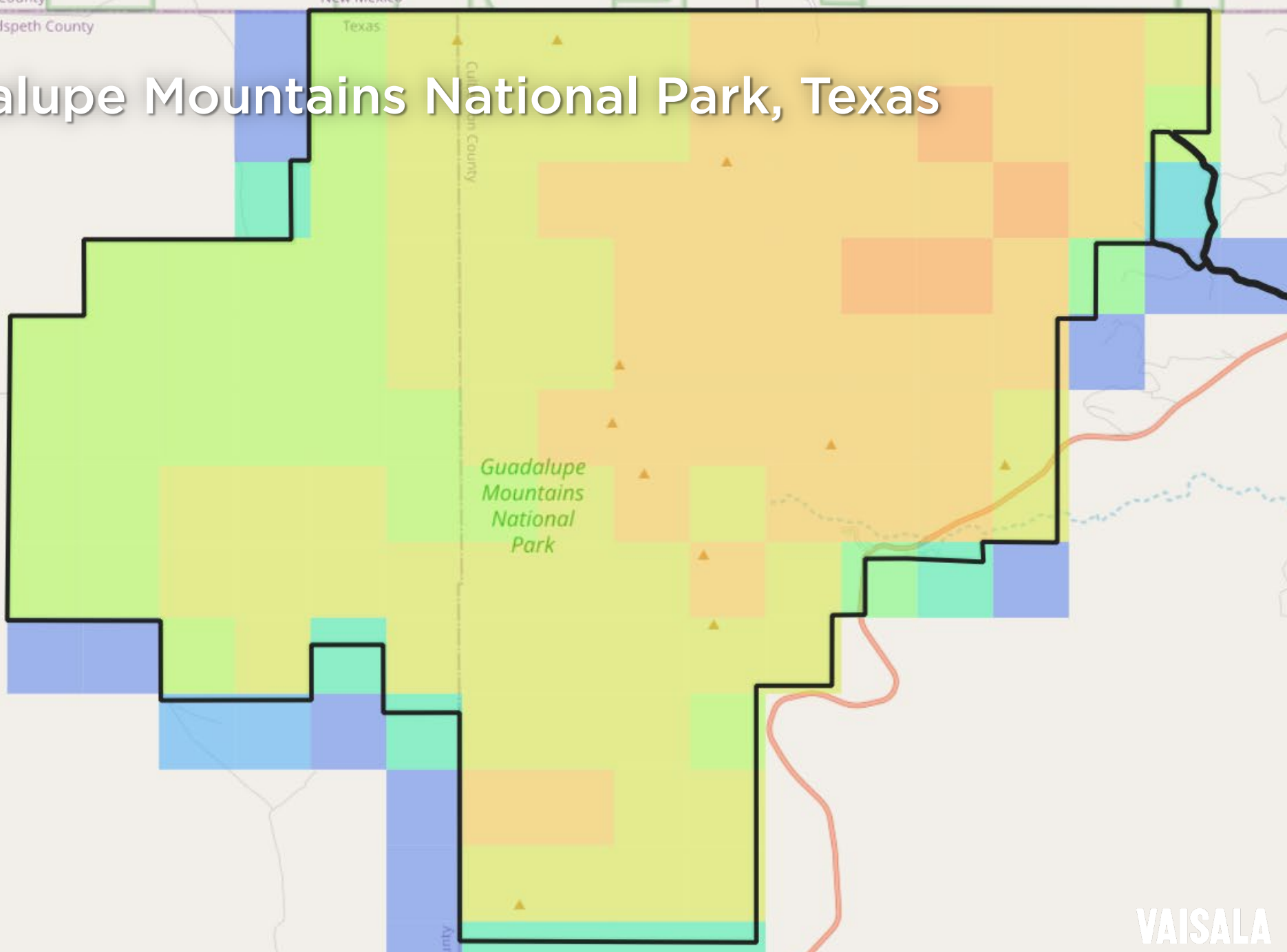
VAISALA

Great Smoky Mountains National Park, North Carolina and Tennessee



VAISALA

Guadalupe Mountains National Park, Texas

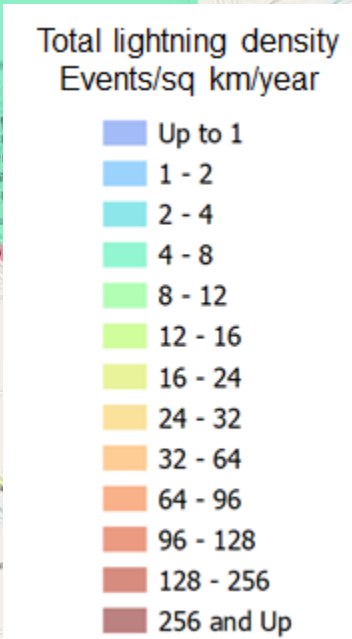
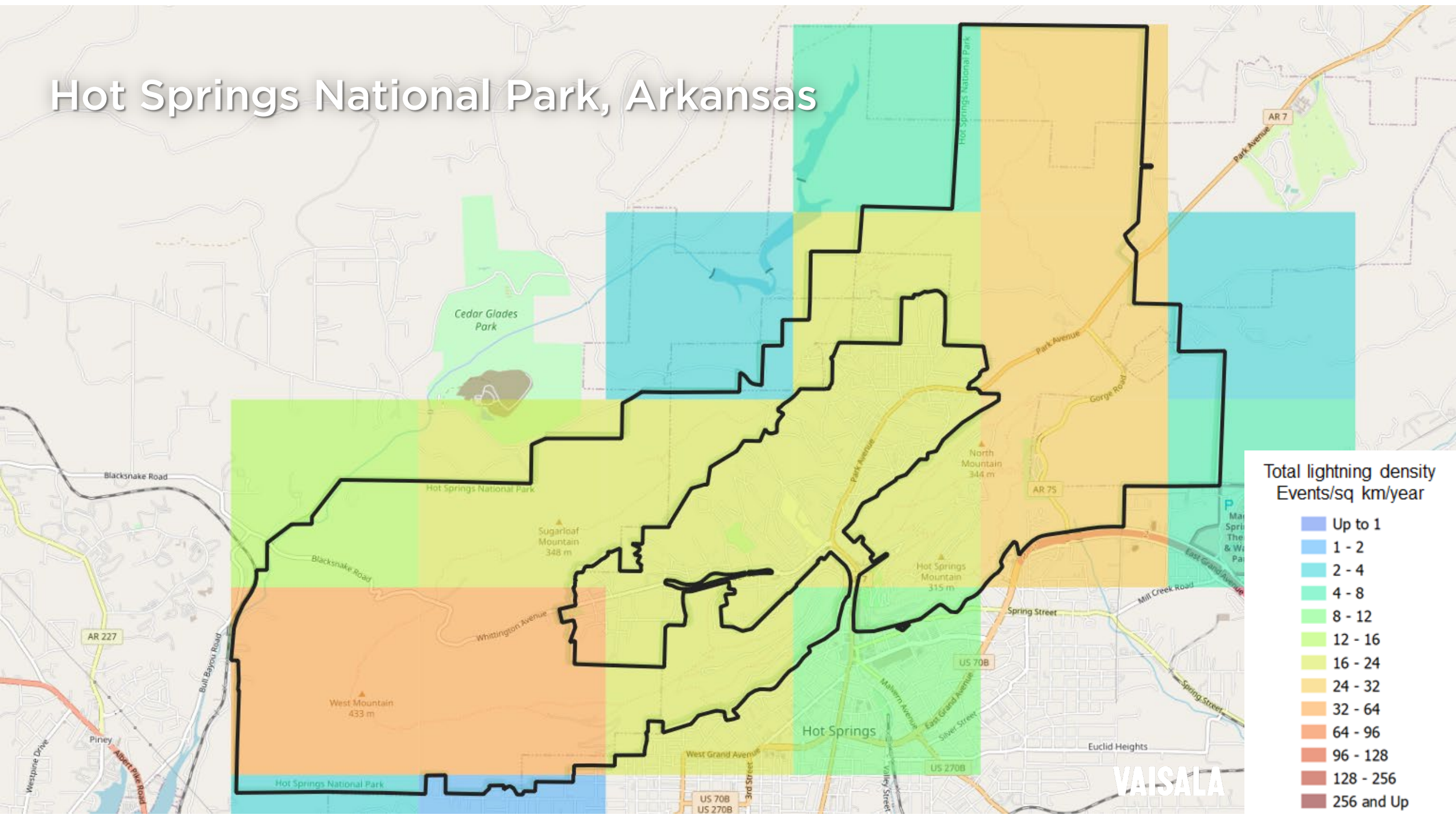


Total lightning density
Events/sq km/year

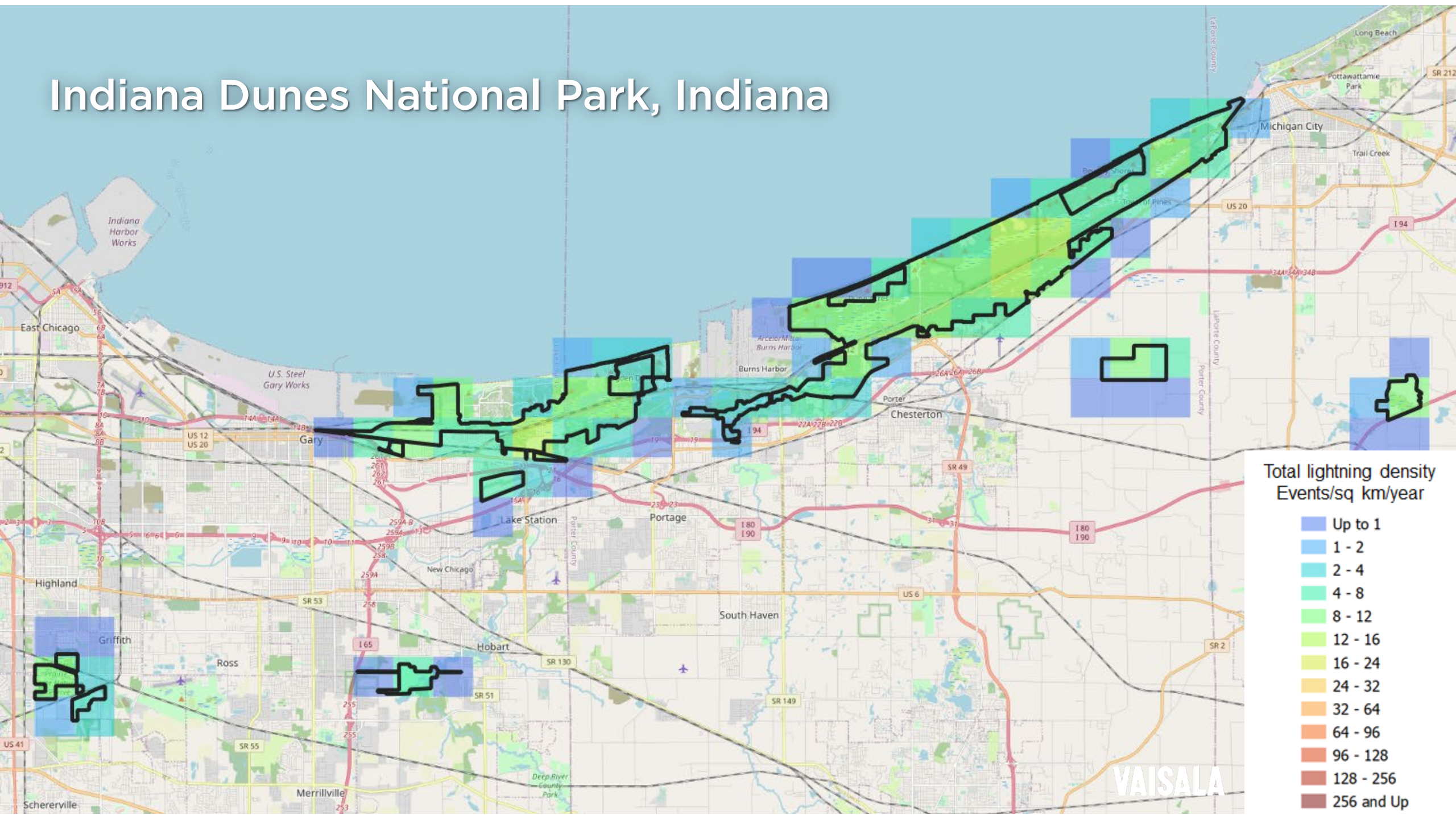
- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

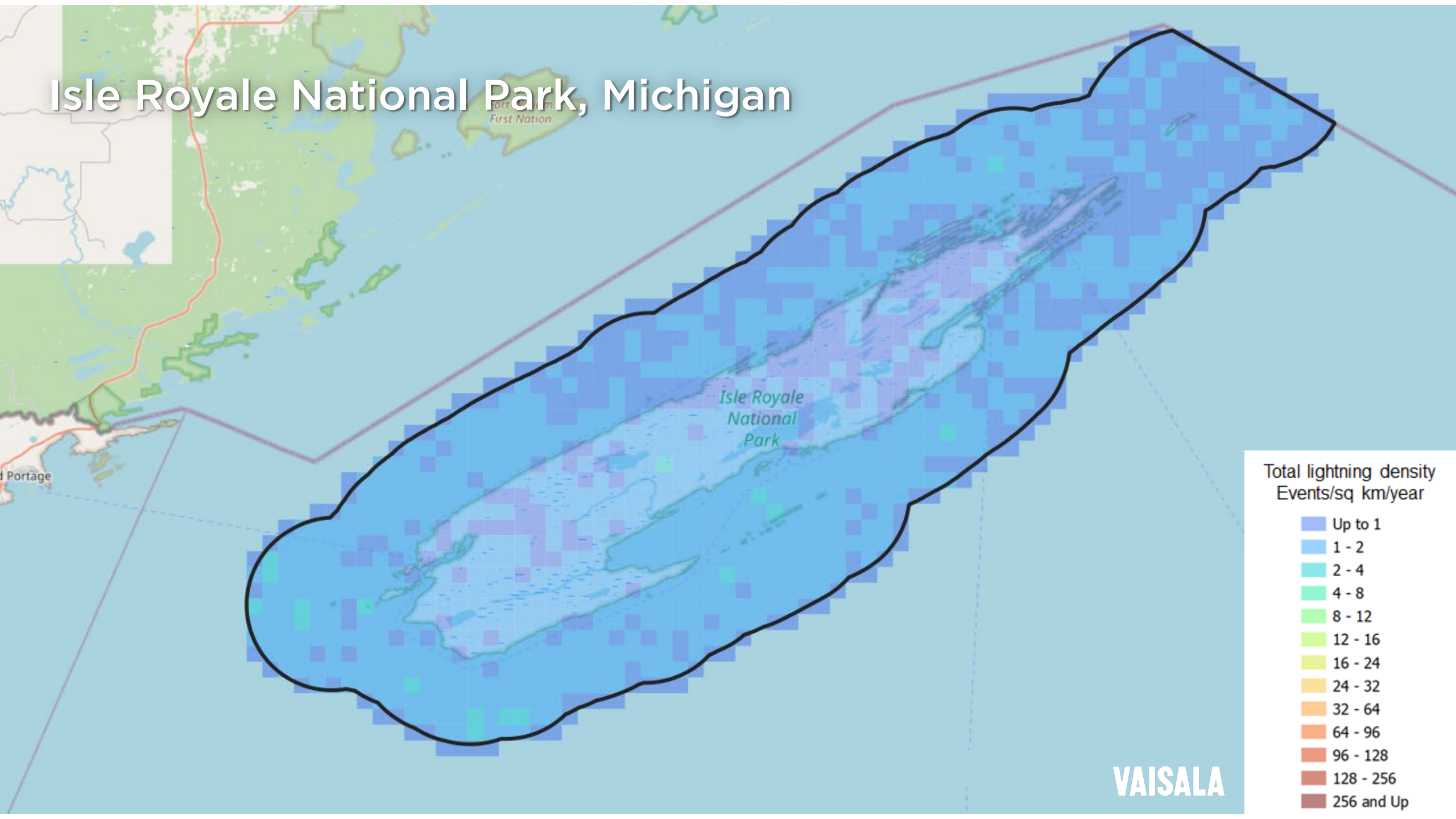
Hot Springs National Park, Arkansas



Indiana Dunes National Park, Indiana



Isle Royale National Park, Michigan

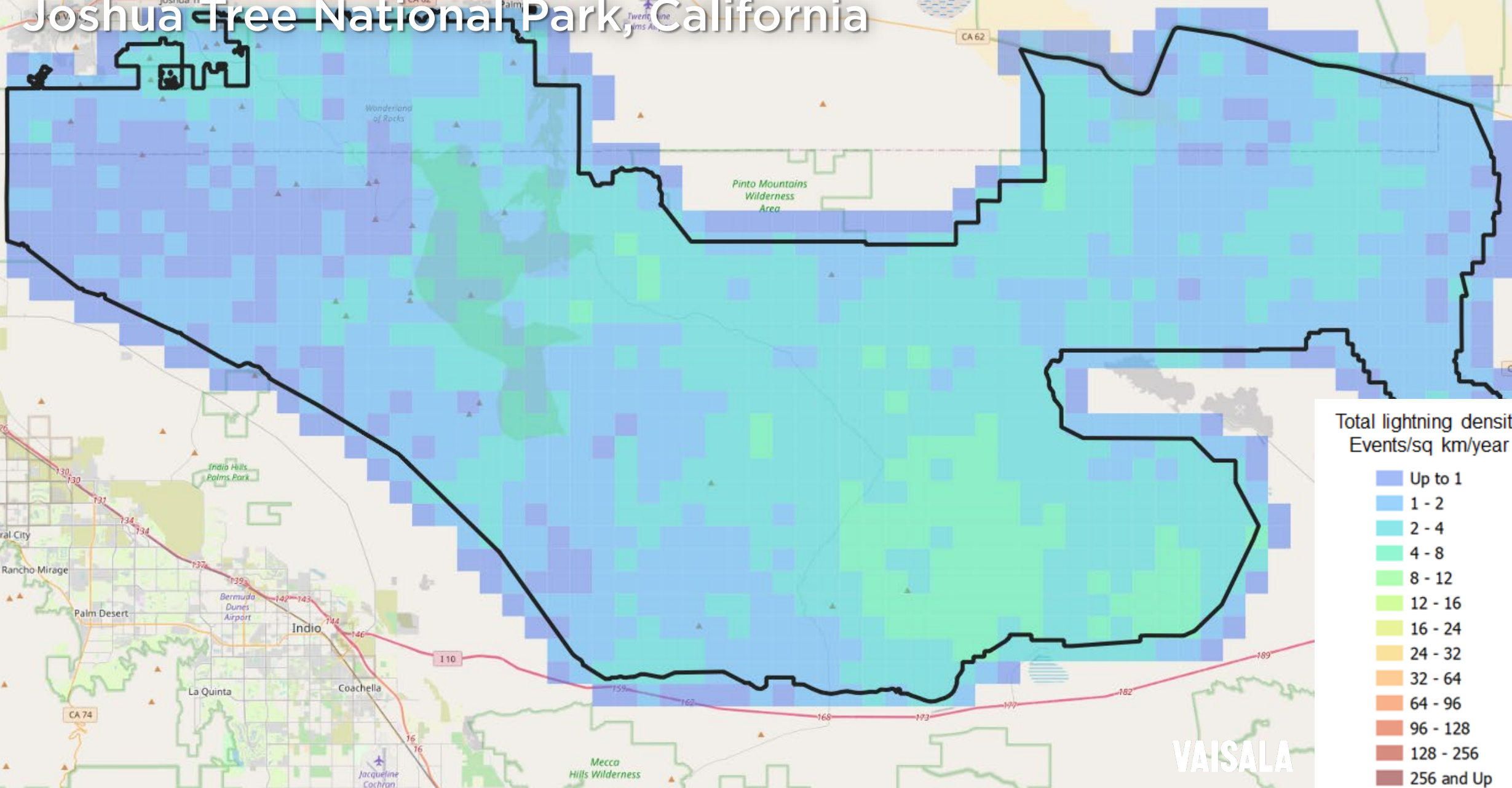


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Joshua Tree National Park, California

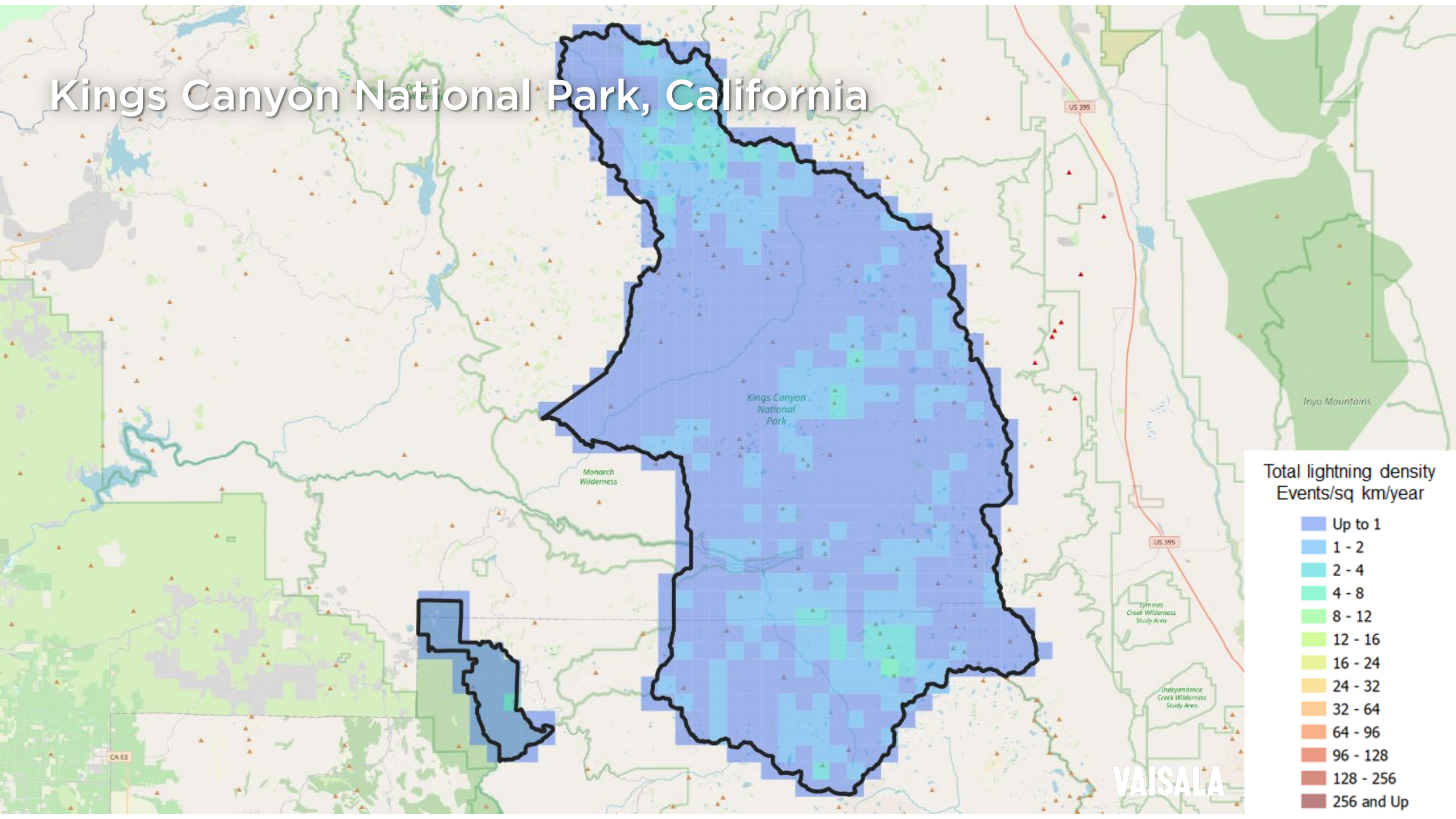


Total lightning density
Events/sq km/year

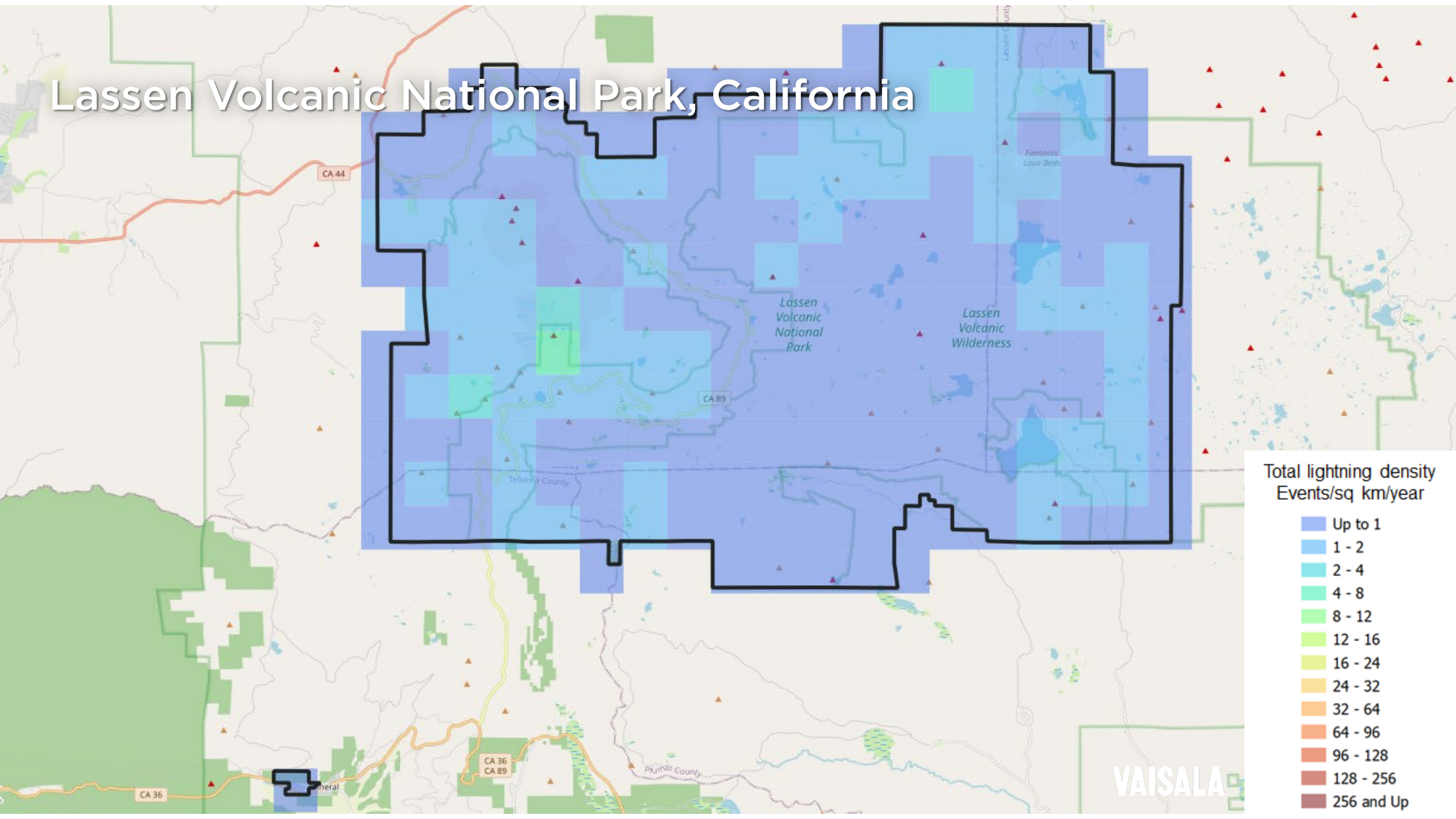
- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

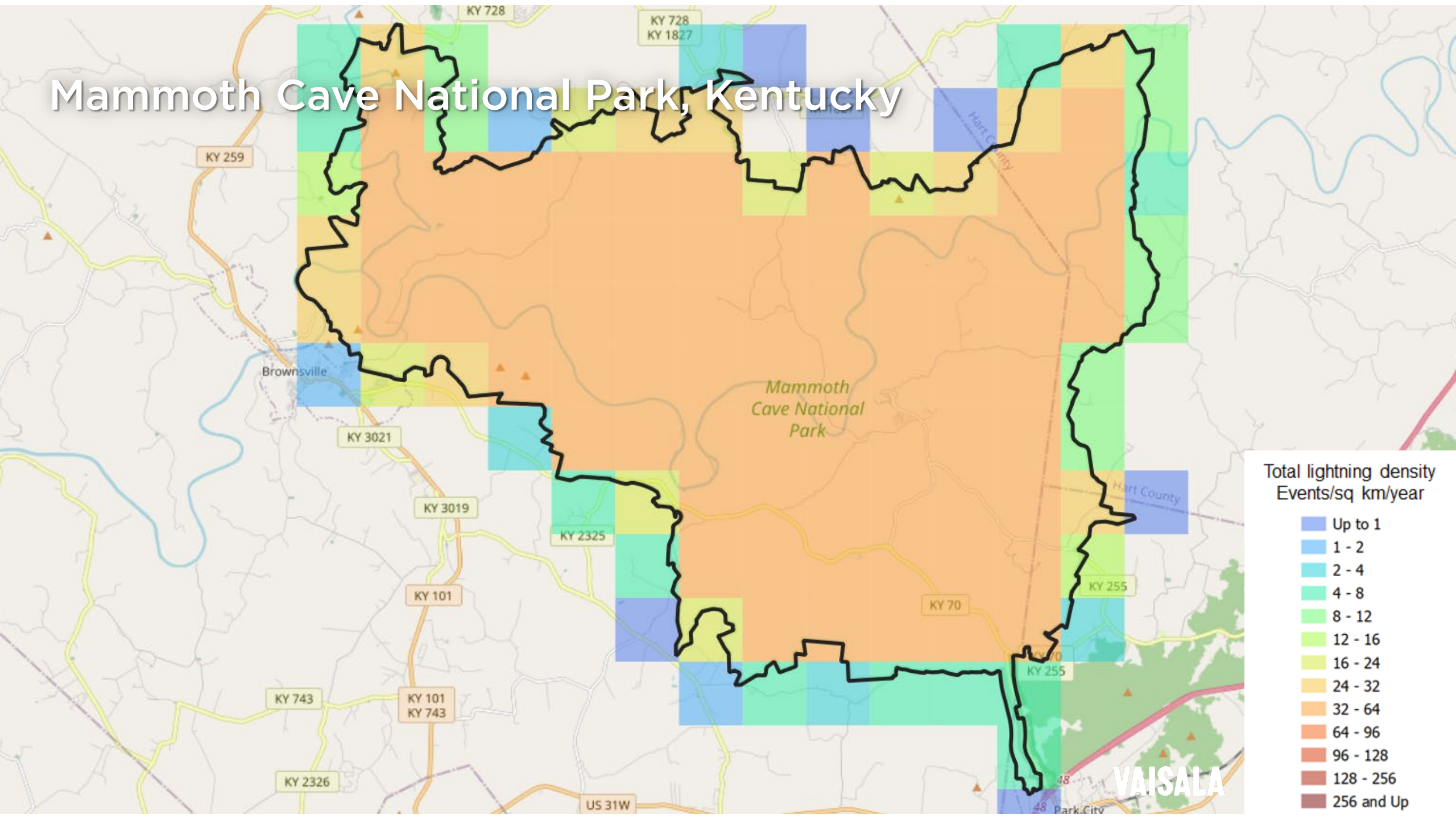
Kings Canyon National Park, California



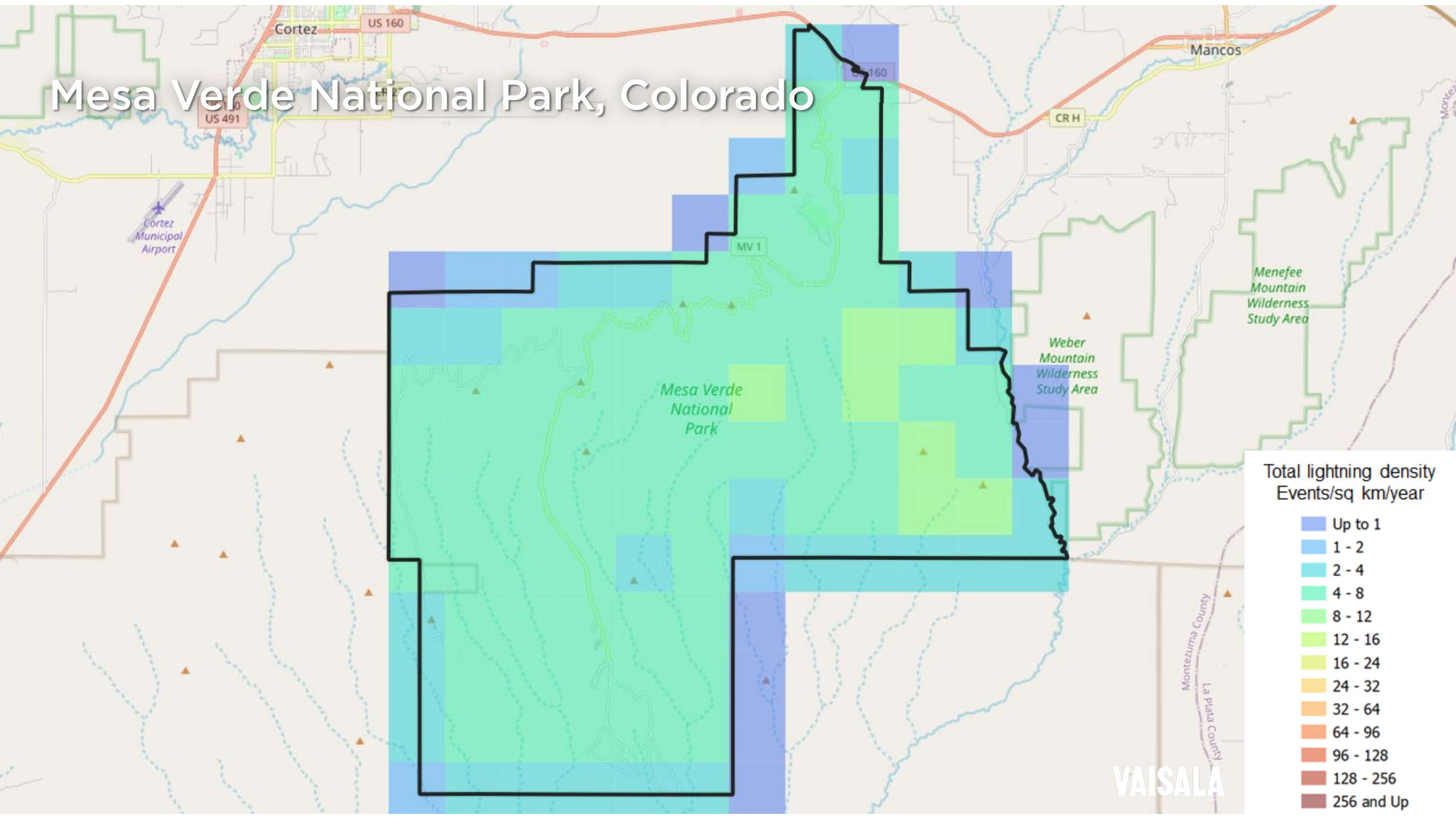
Lassen Volcanic National Park, California



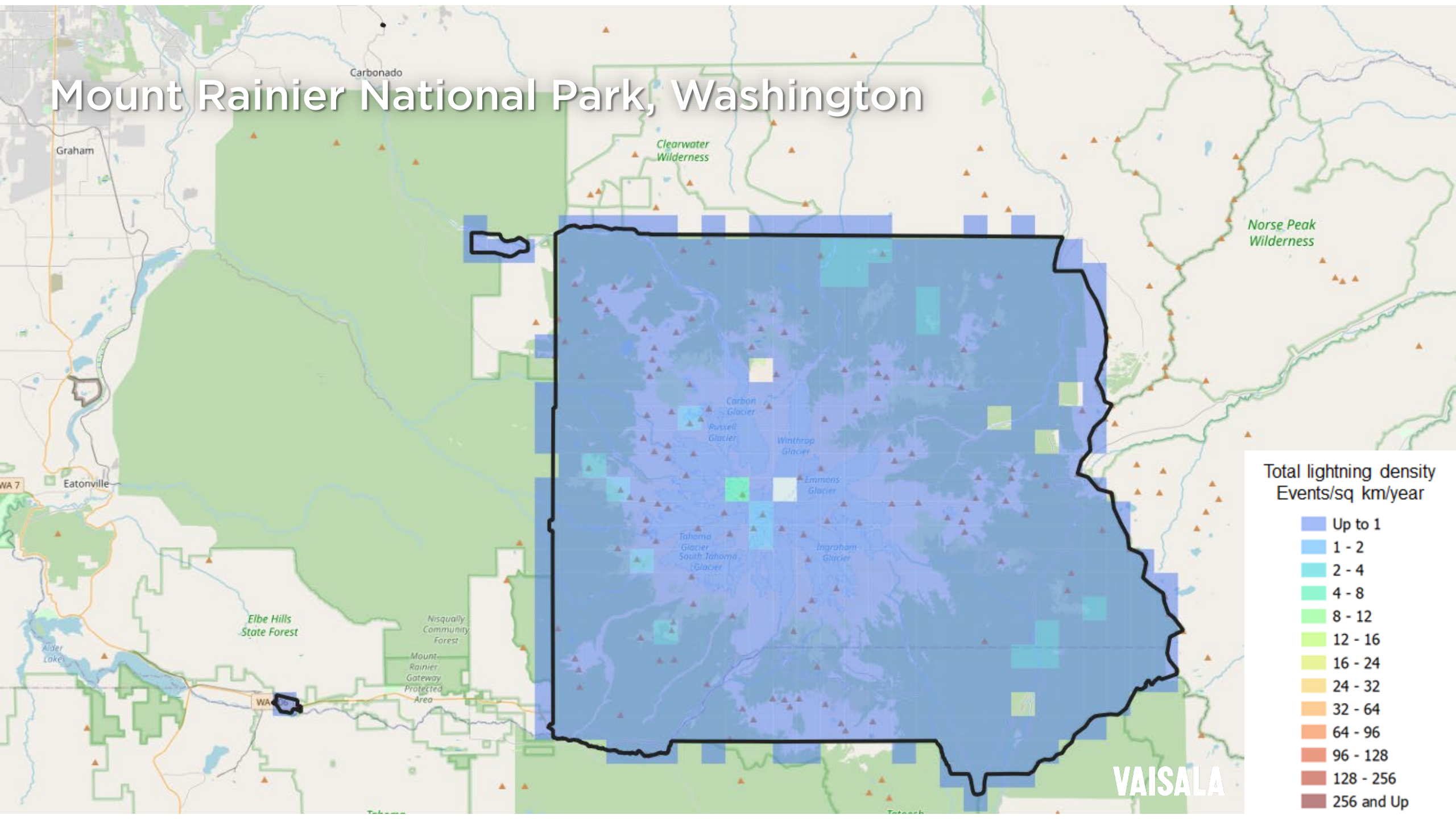
Mammoth Cave National Park, Kentucky



Mesa Verde National Park, Colorado

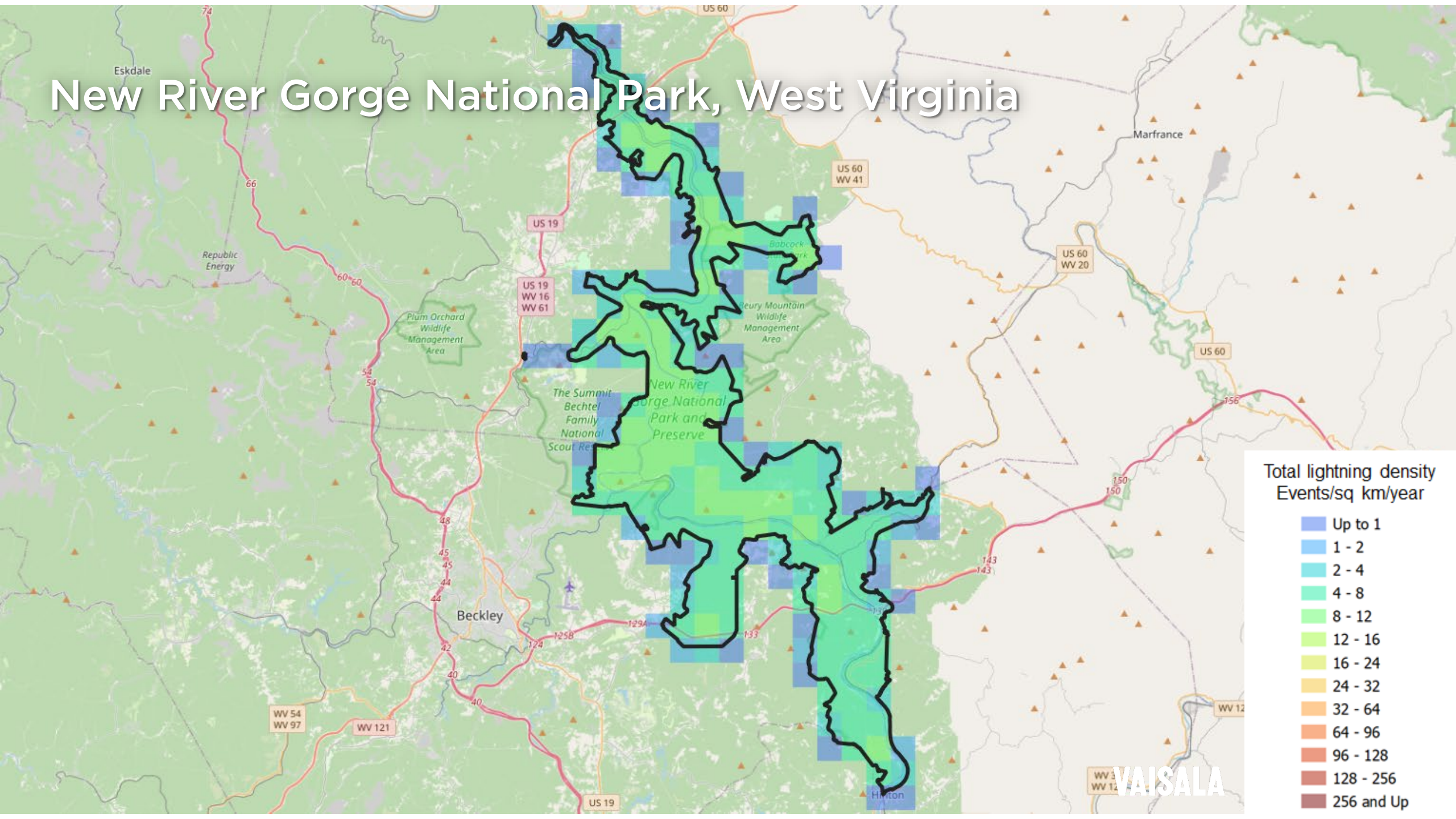


Mount Rainier National Park, Washington



VAISALA

New River Gorge National Park, West Virginia

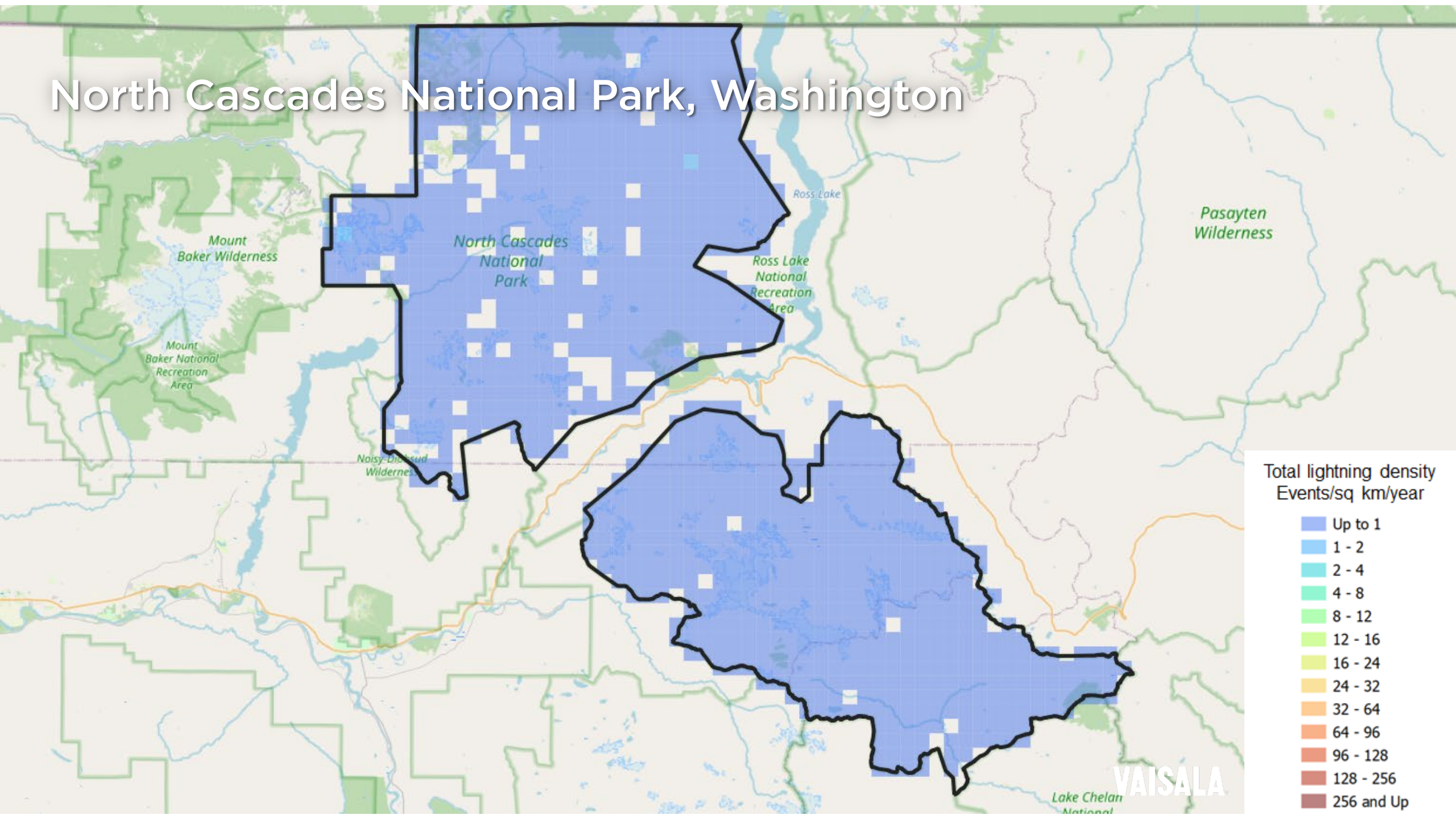


Total lightning density
Events/sq km/year

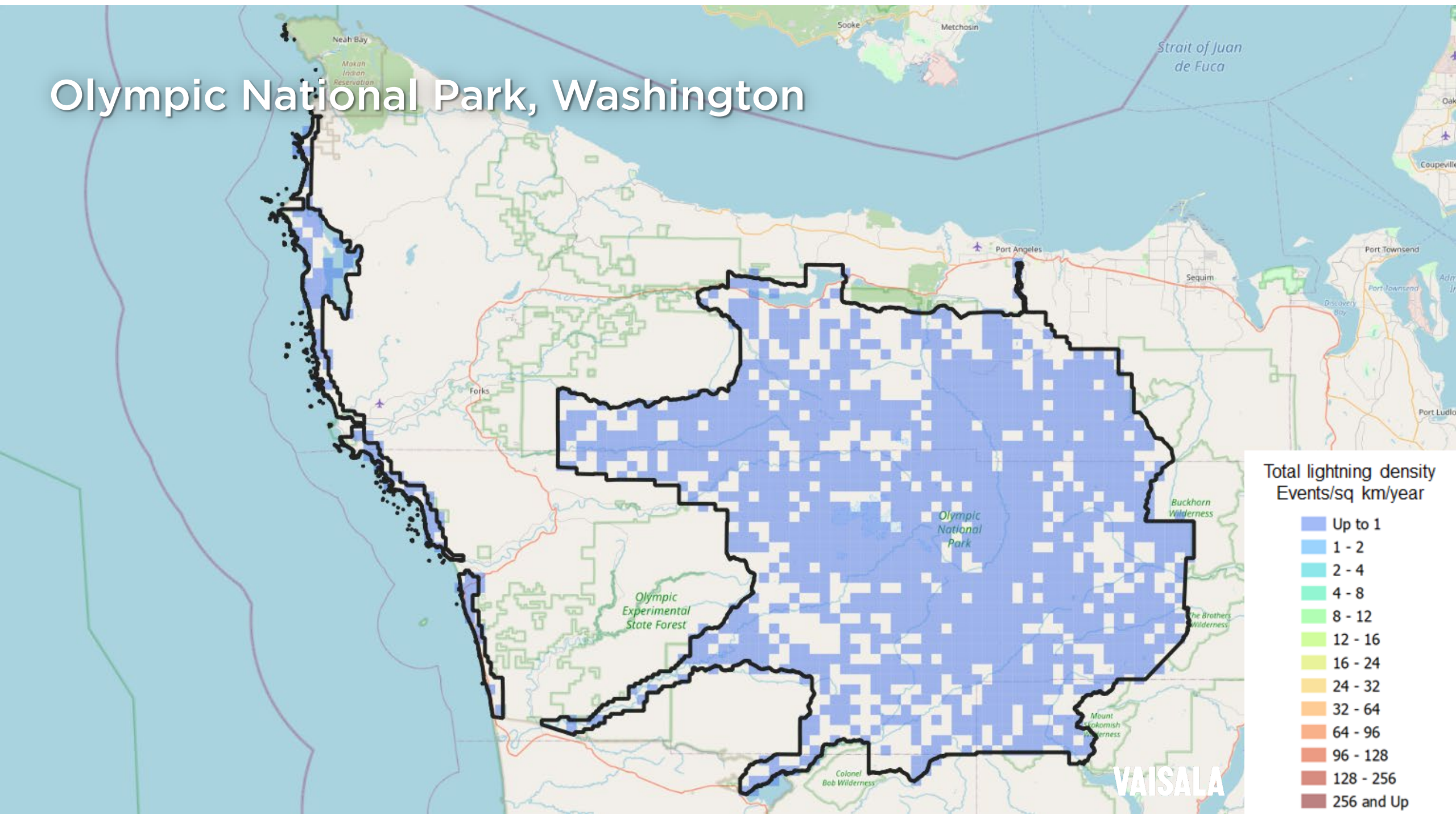
- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

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North Cascades National Park, Washington

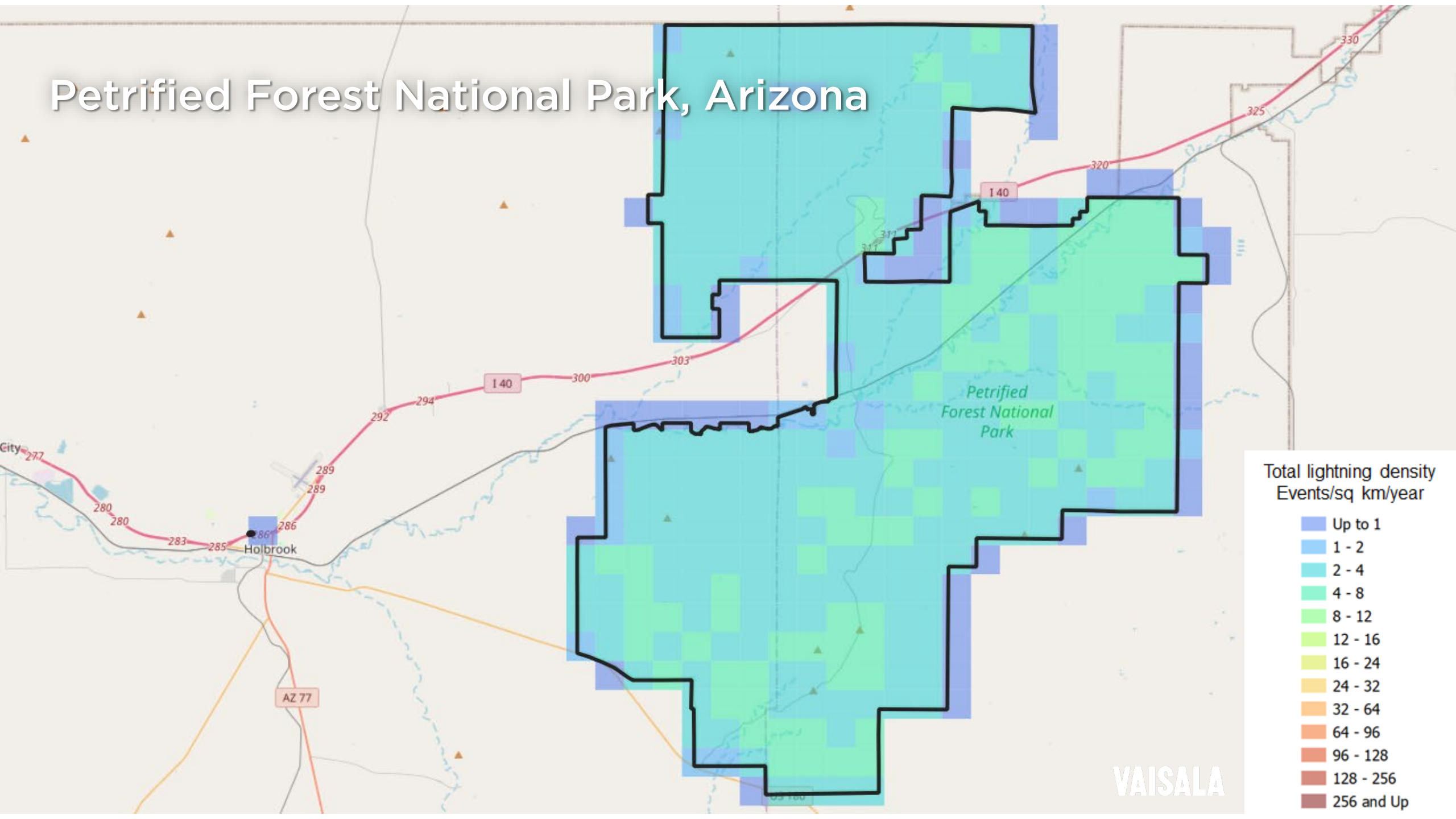


Olympic National Park, Washington



VAISALA

Petrified Forest National Park, Arizona

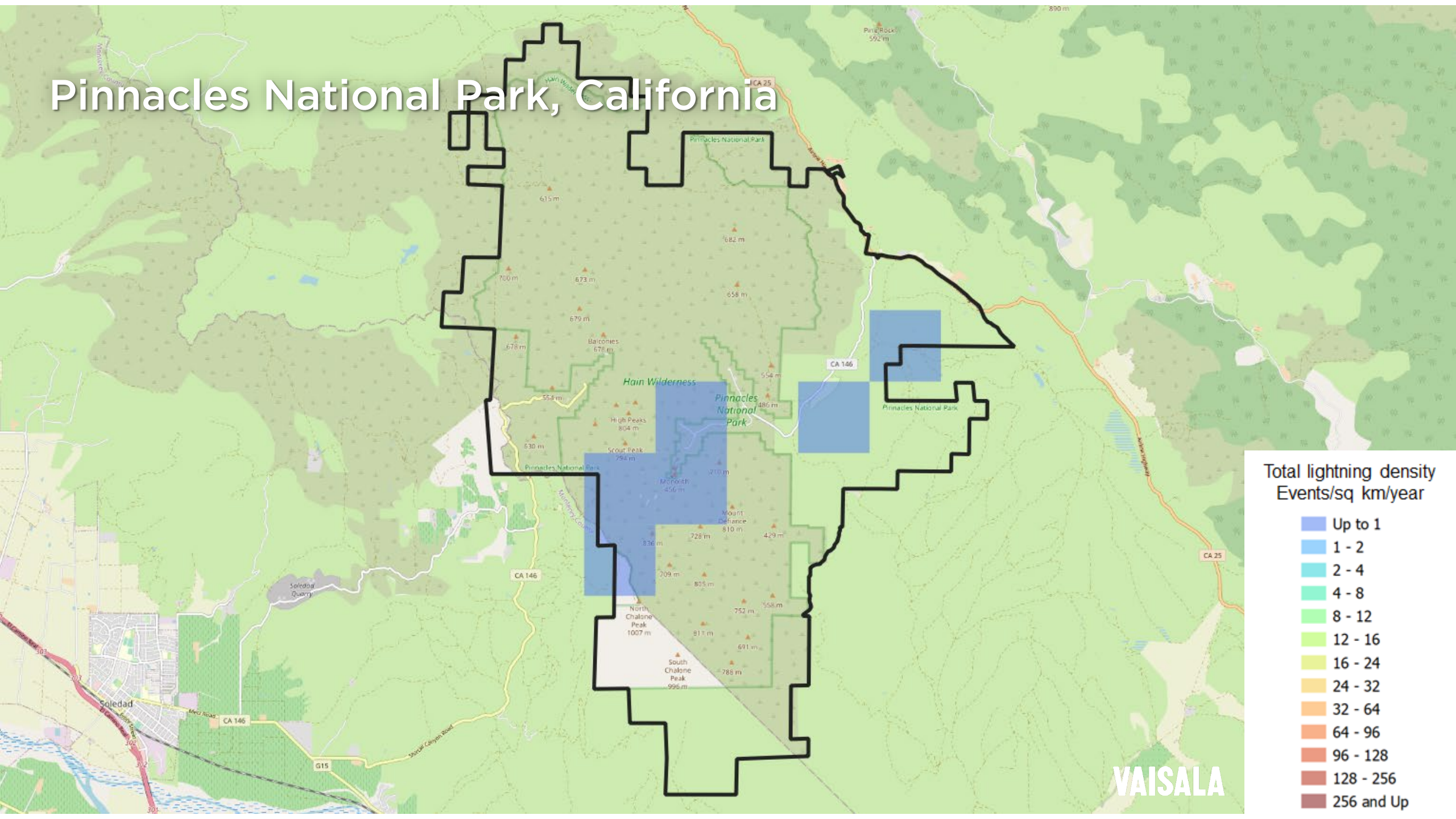


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Pinnacles National Park, California

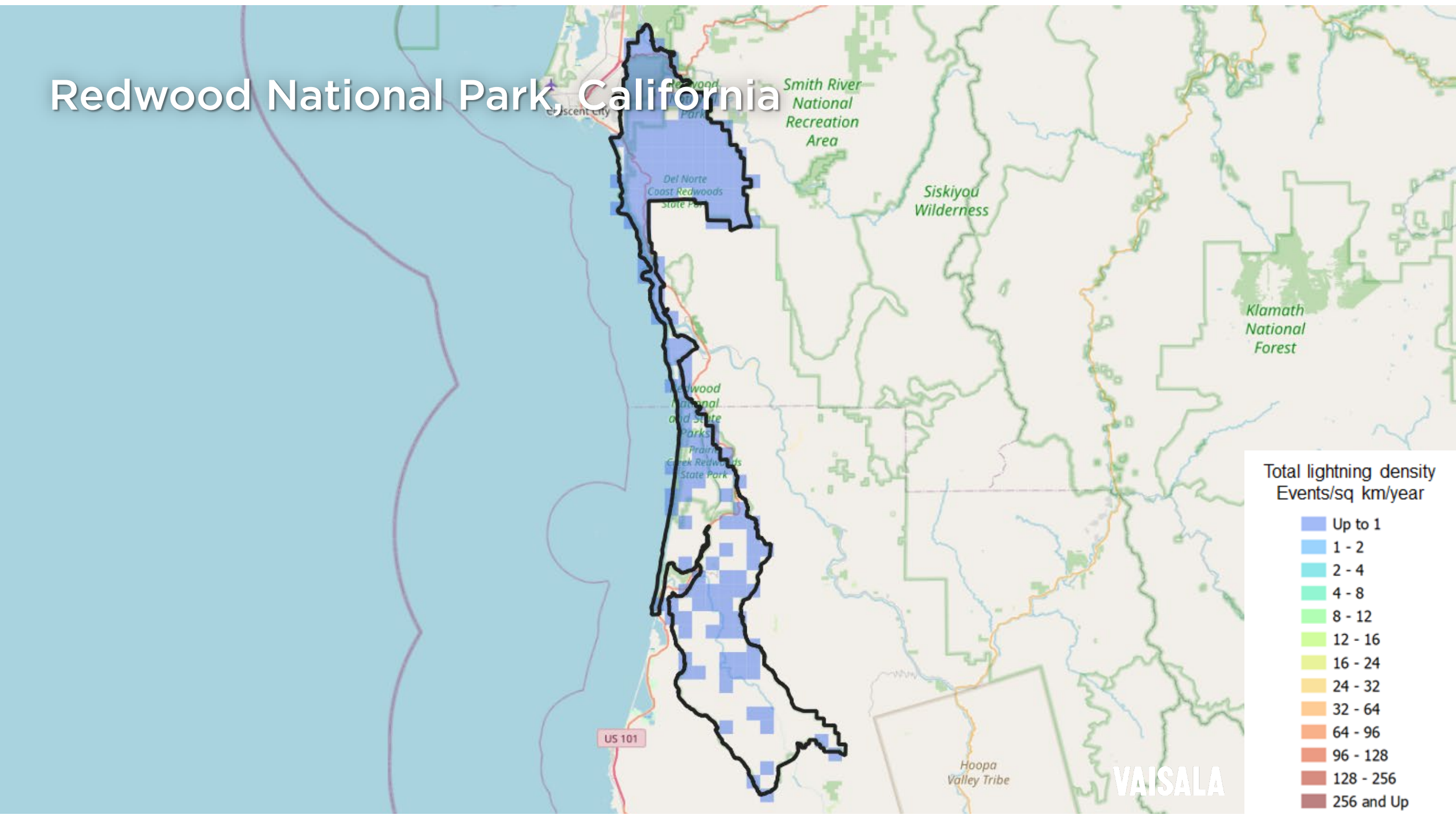


Total lightning density
Events/sq km/year

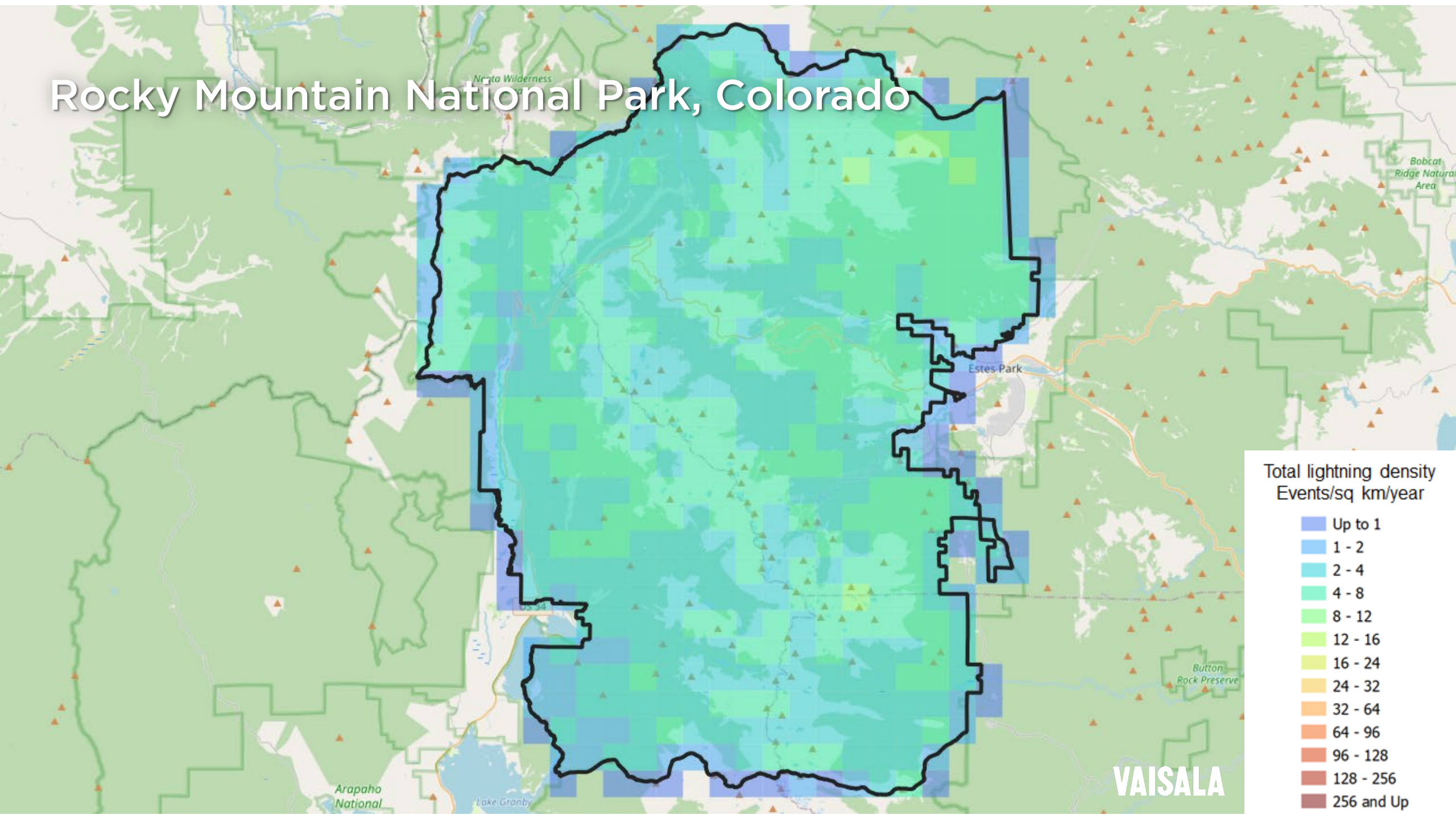
- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Redwood National Park, California



Rocky Mountain National Park, Colorado

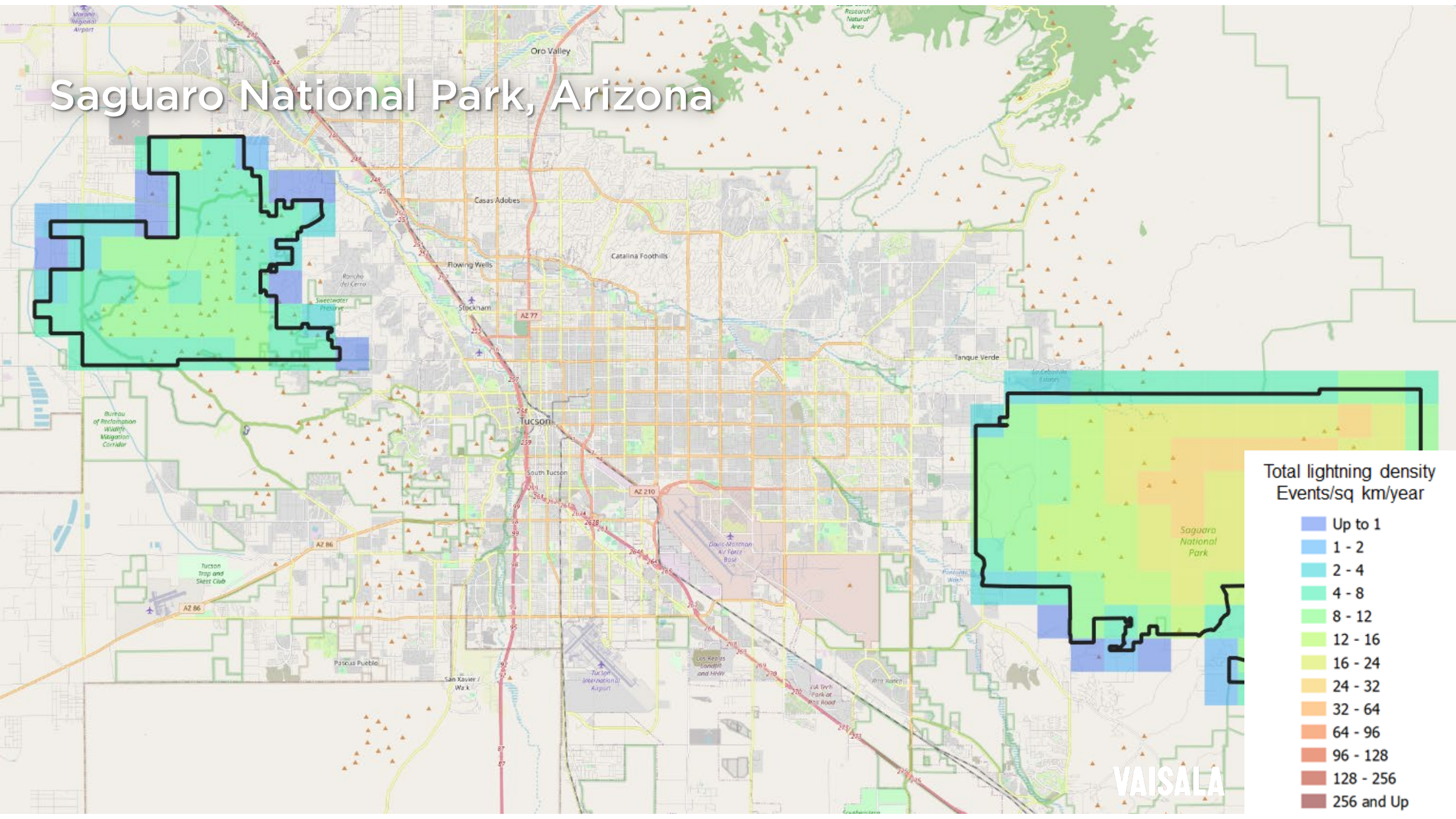


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Saguaro National Park, Arizona

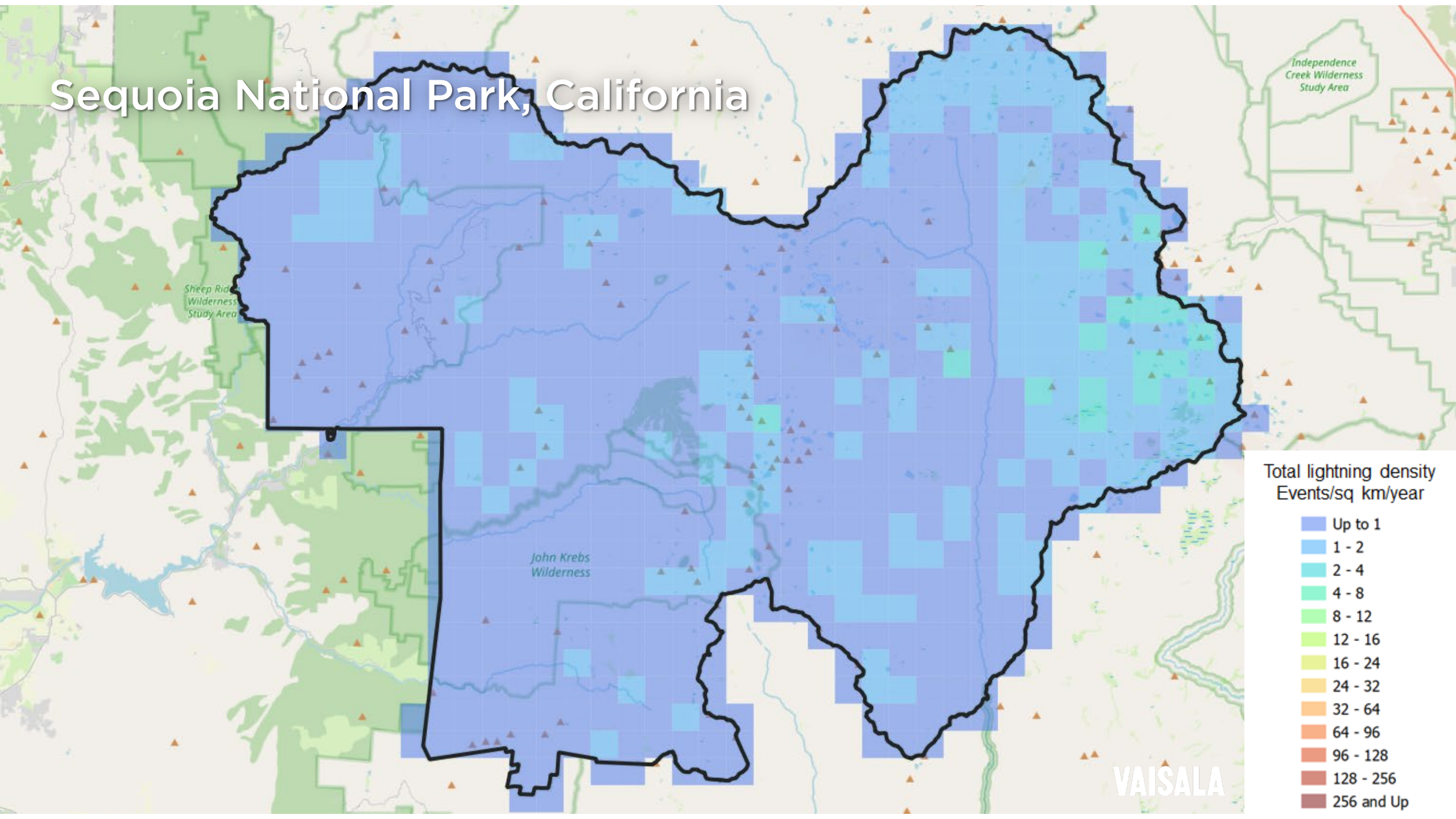


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Sequoia National Park, California

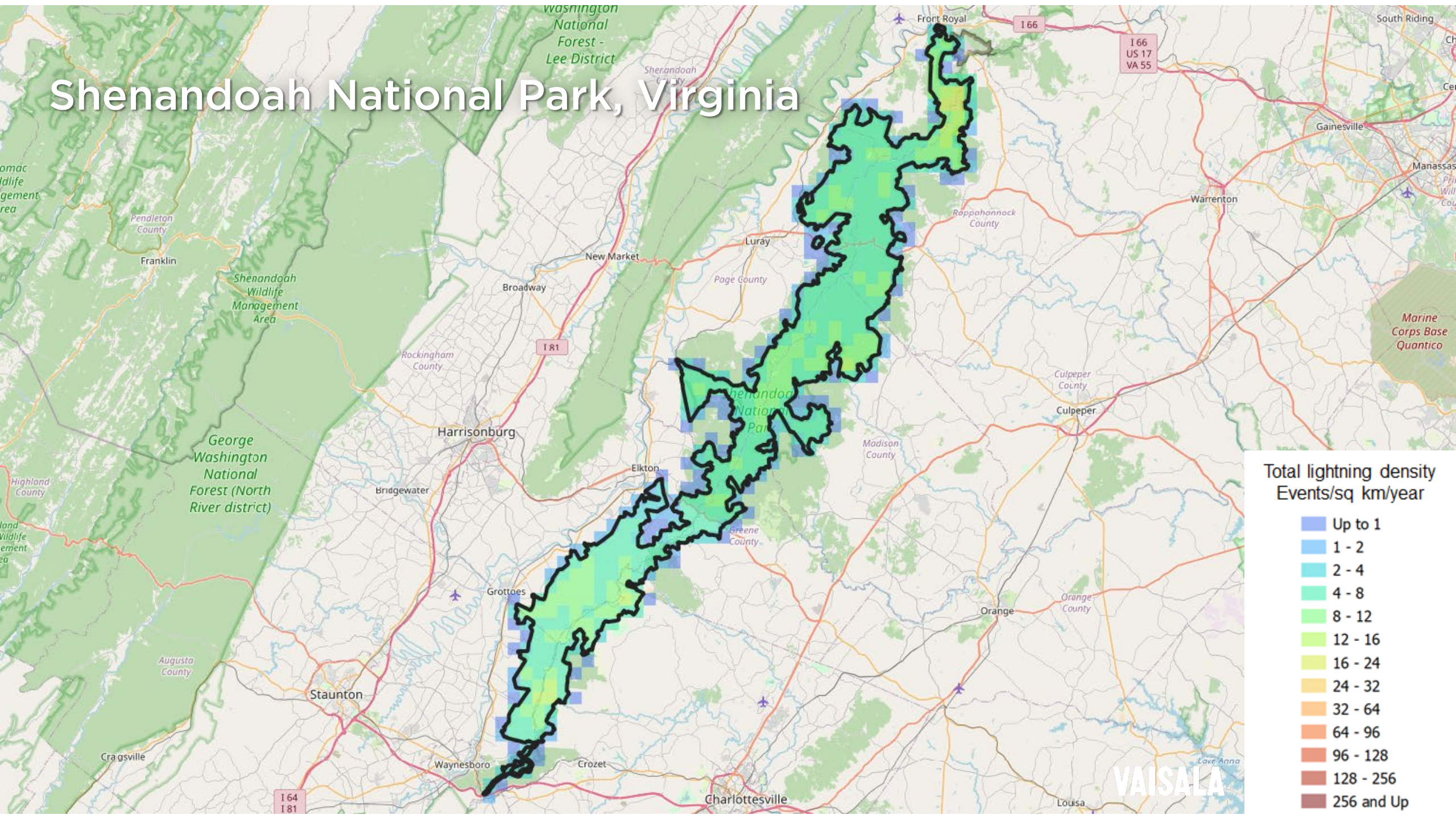


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Shenandoah National Park, Virginia

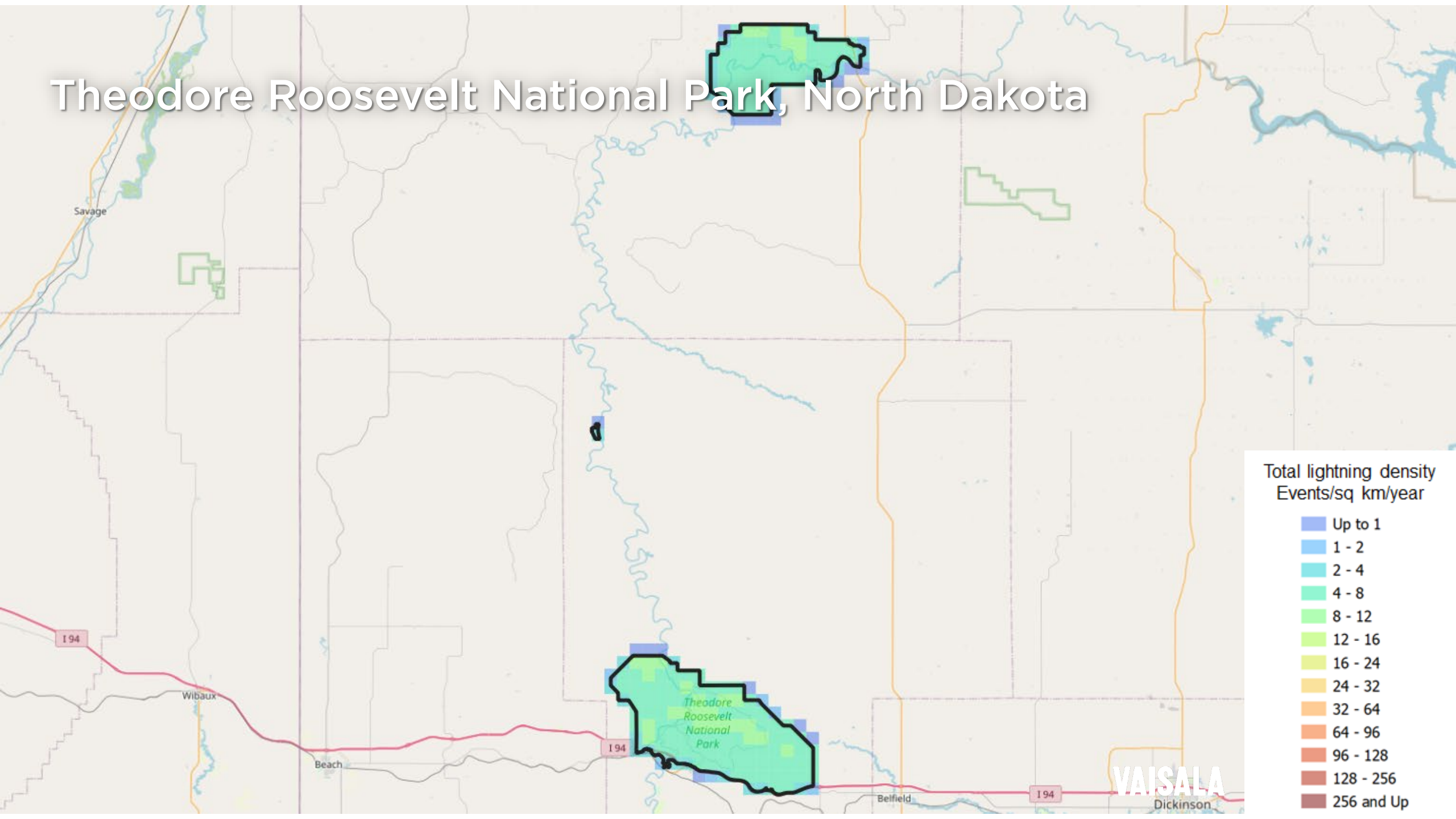


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Theodore Roosevelt National Park, North Dakota

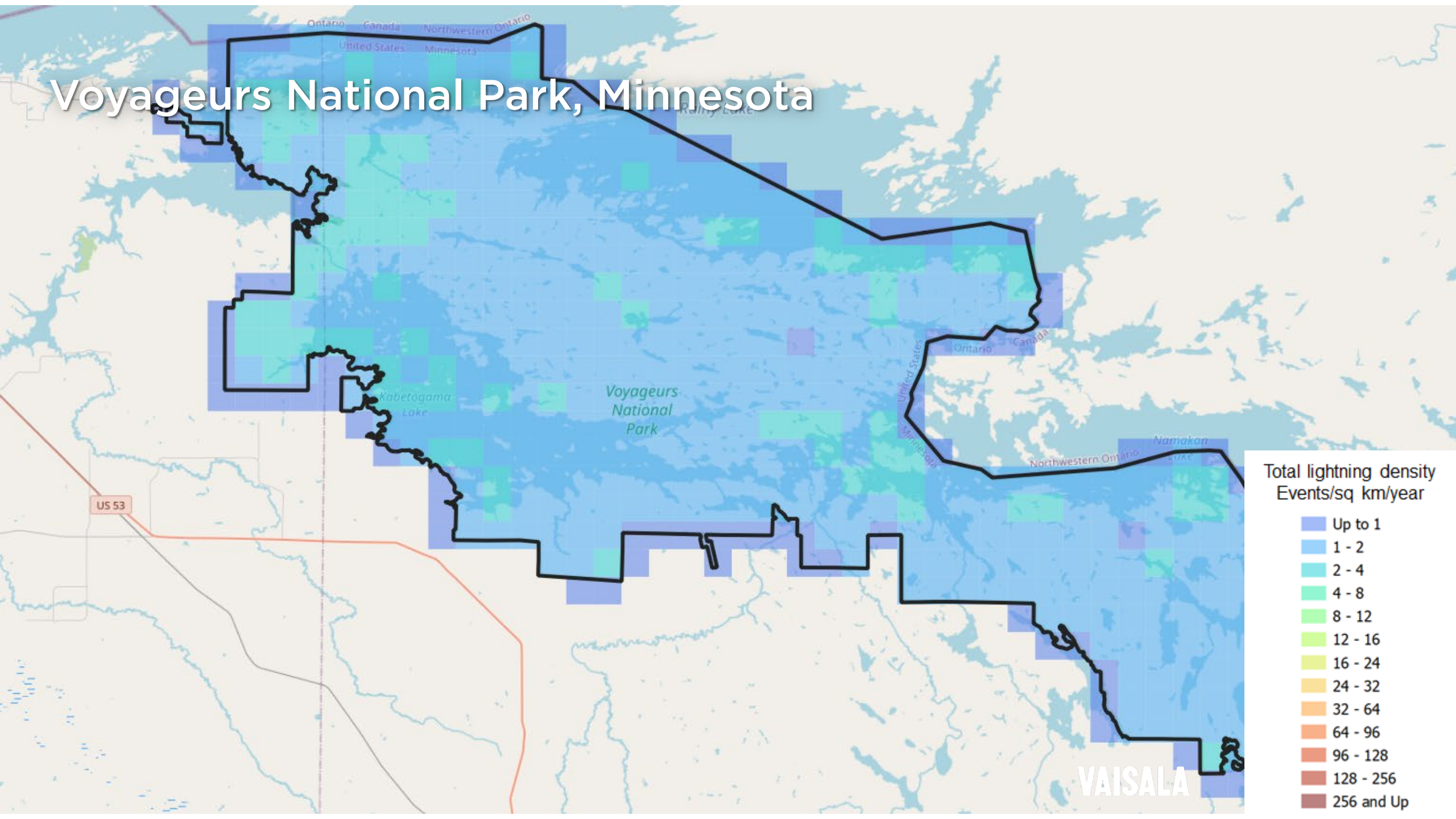


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Voyageurs National Park, Minnesota

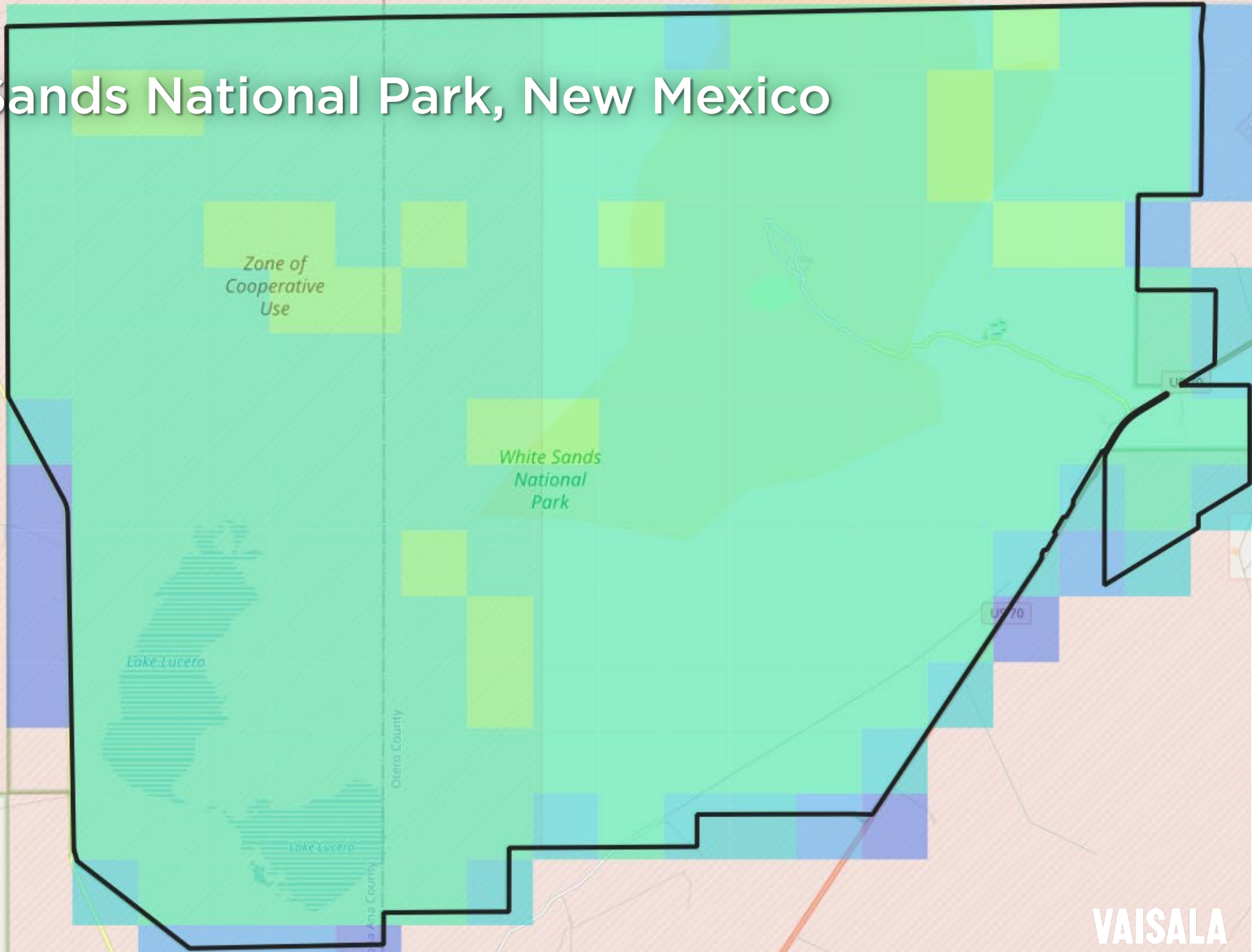


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

White Sands National Park, New Mexico

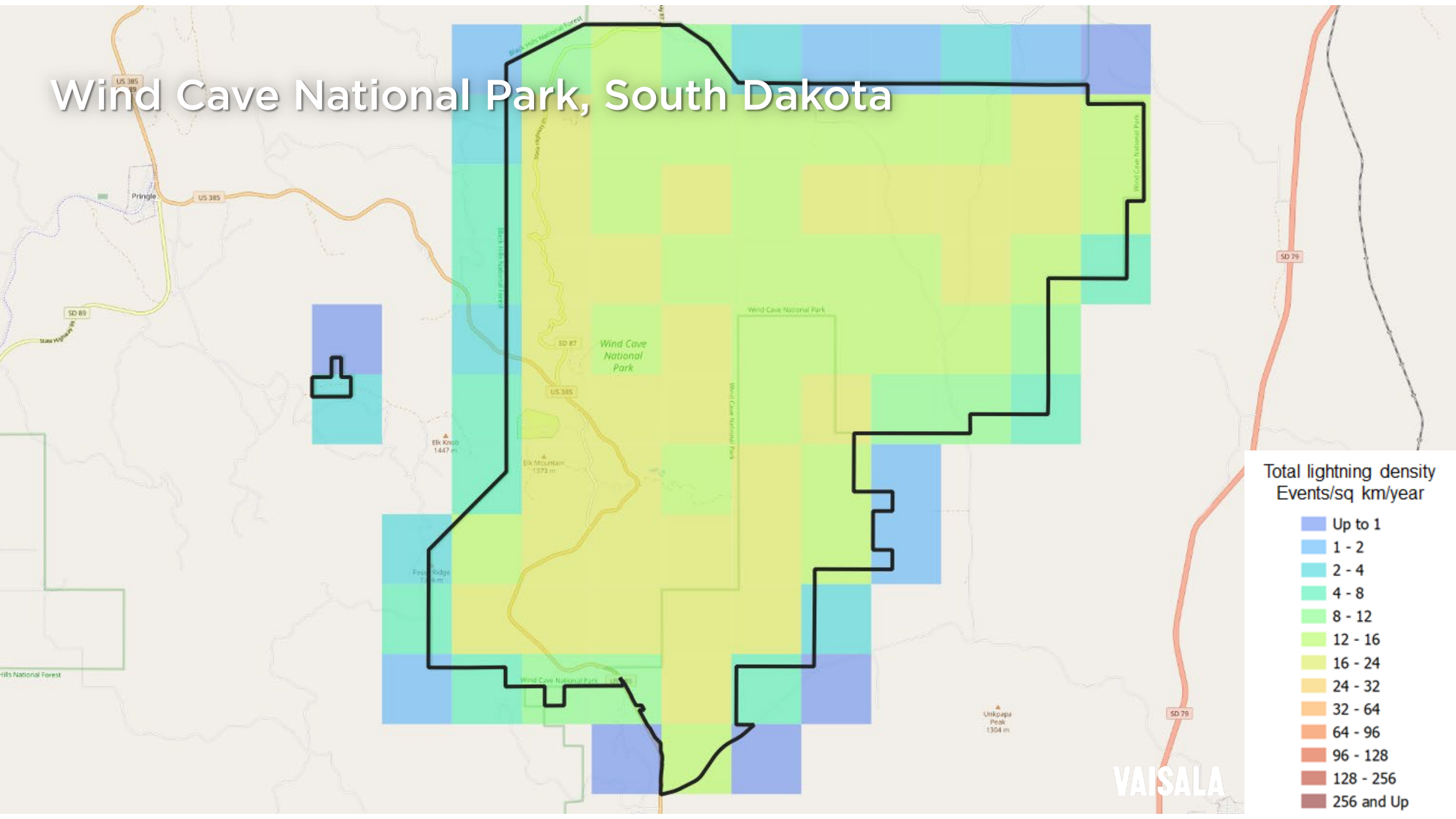


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Wind Cave National Park, South Dakota

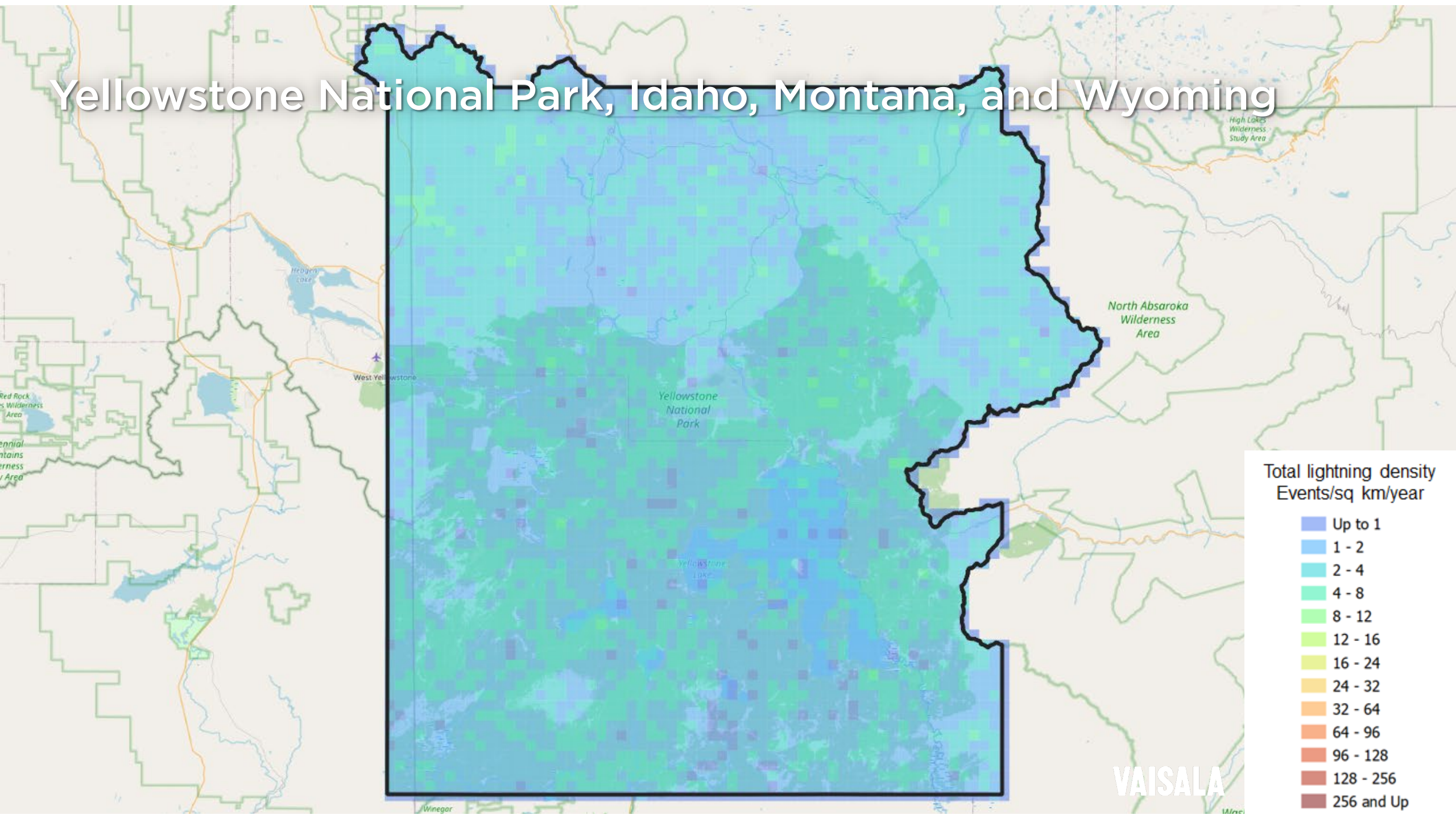


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Yellowstone National Park, Idaho, Montana, and Wyoming

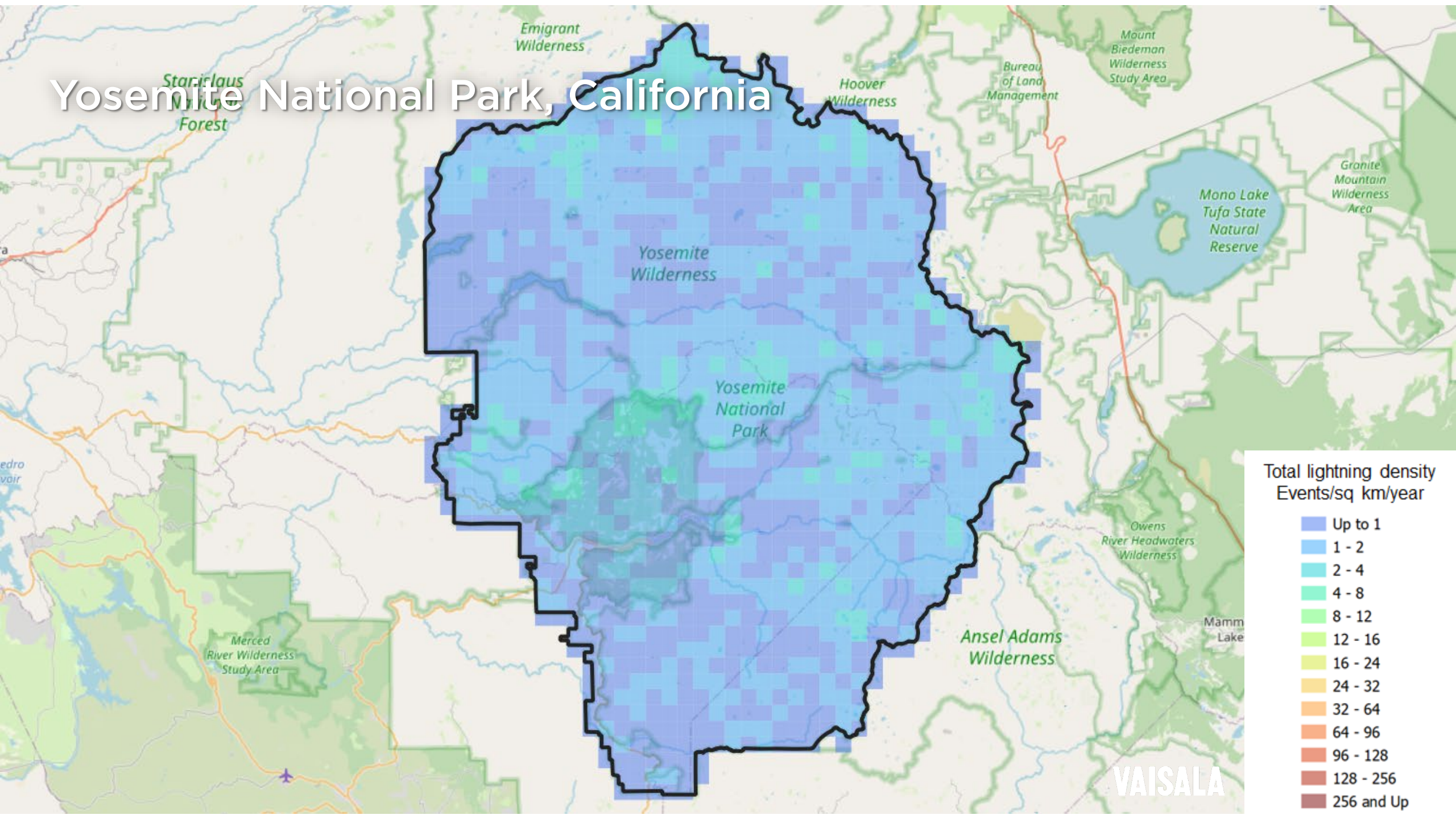


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Yosemite National Park, California

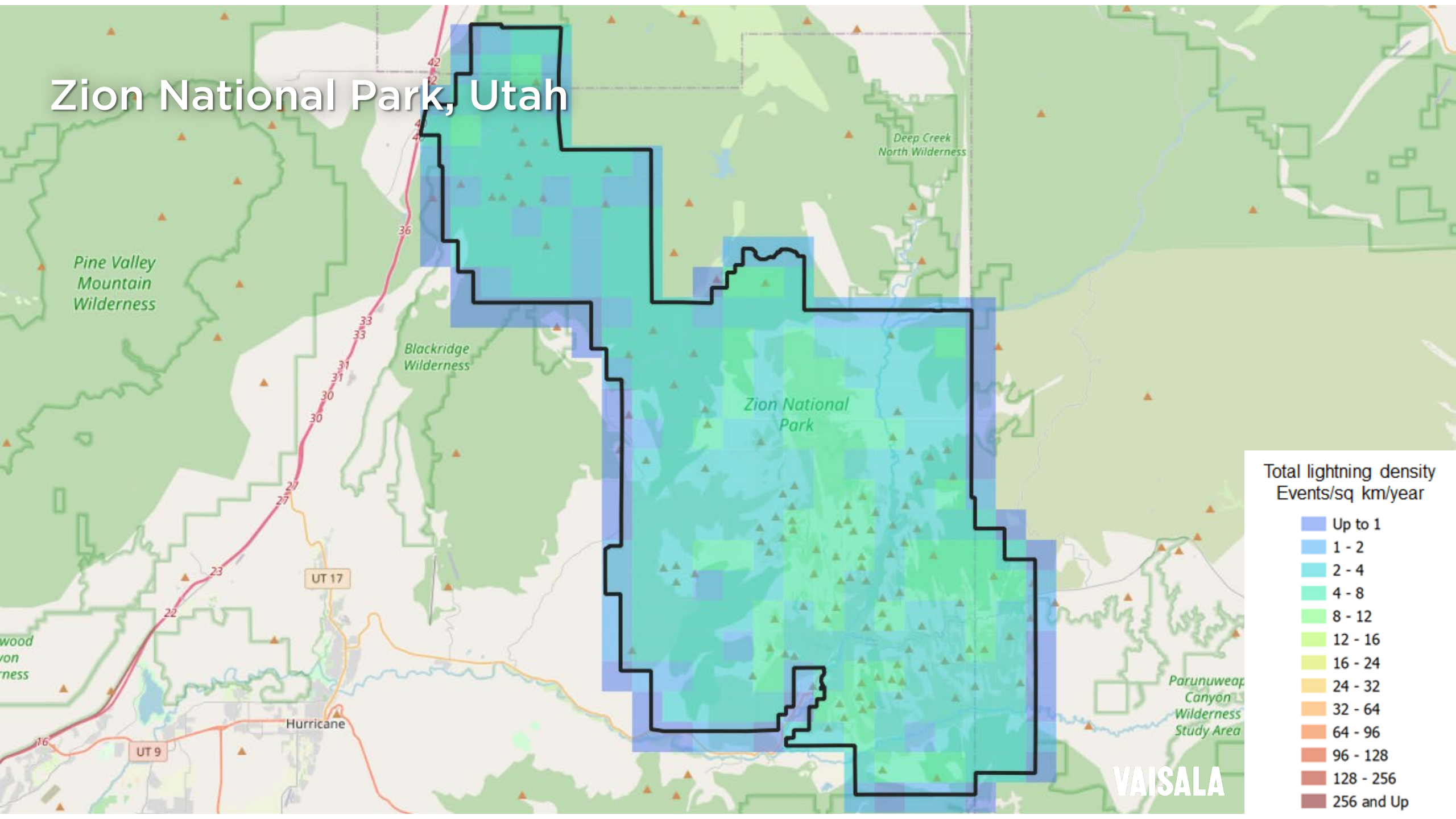


Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

VAISALA

Zion National Park, Utah



Total lightning density
Events/sq km/year

- Up to 1
- 1 - 2
- 2 - 4
- 4 - 8
- 8 - 12
- 12 - 16
- 16 - 24
- 24 - 32
- 32 - 64
- 64 - 96
- 96 - 128
- 128 - 256
- 256 and Up

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