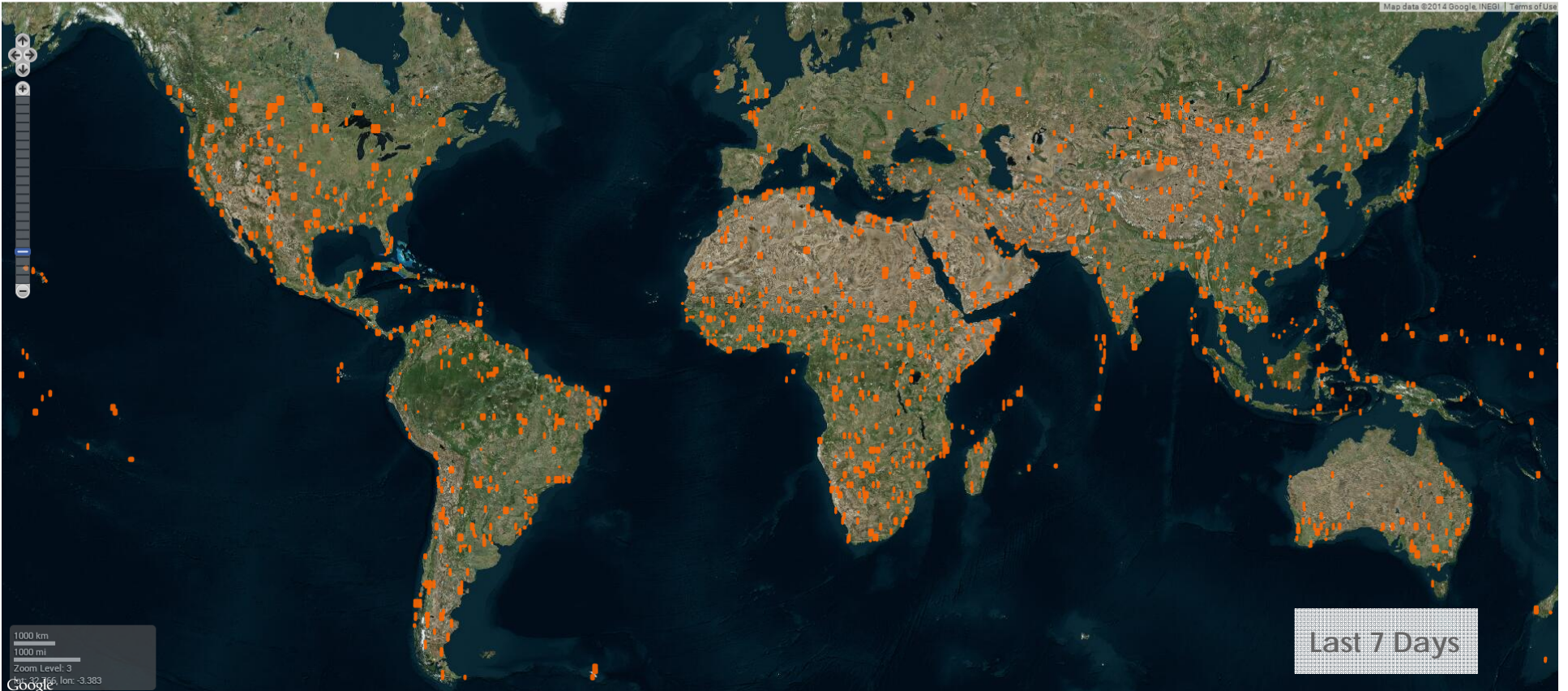
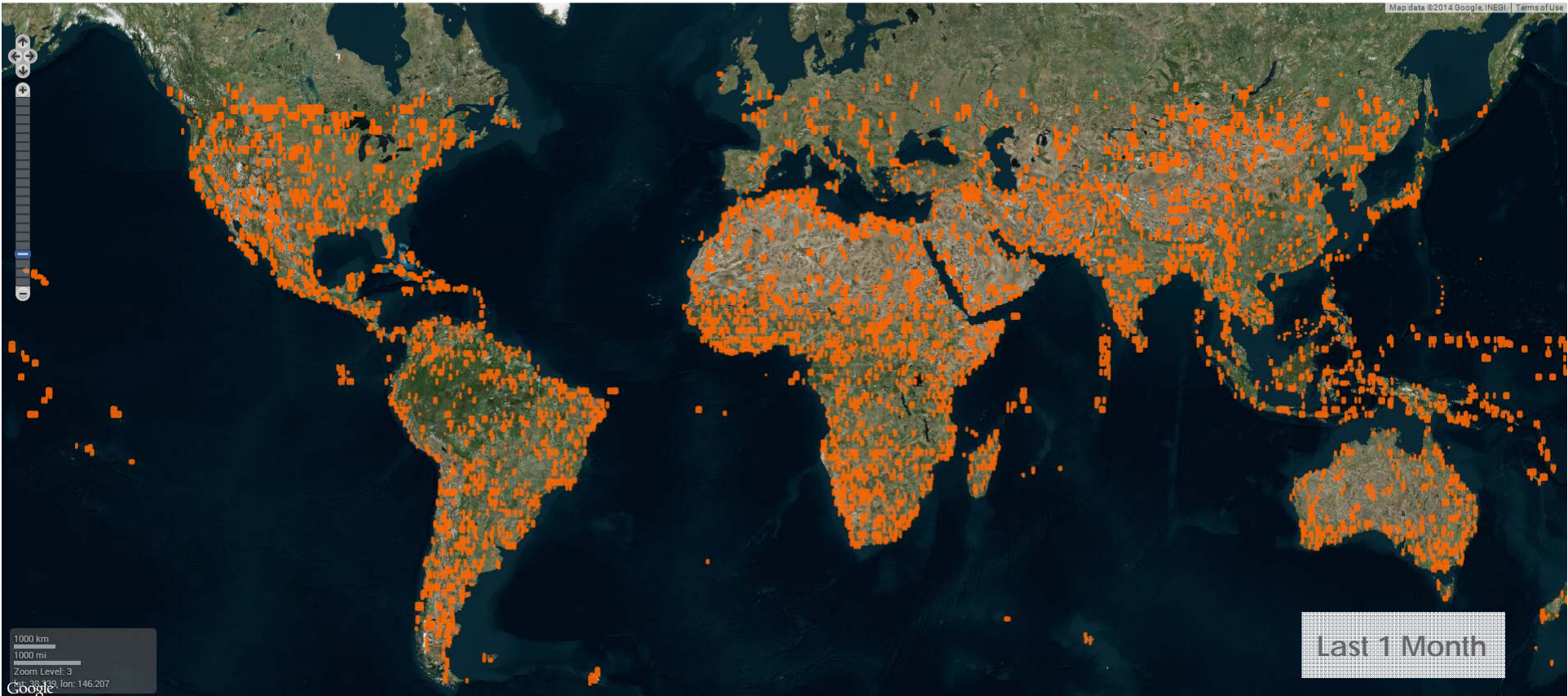


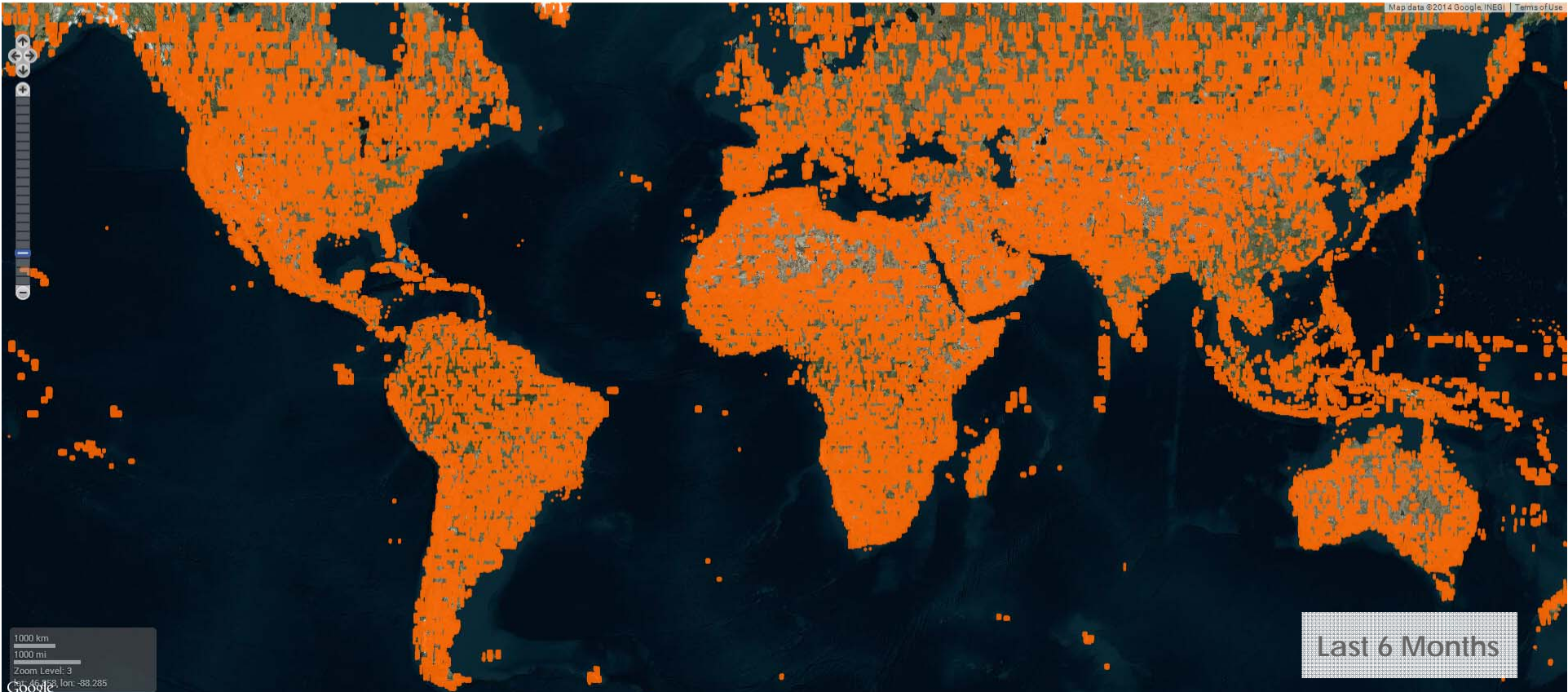
7,500,000,000,000 pixels



52,500,000,000,000 pixels



225,000,000,000,000 pixels



1,350,000,000,000,000 pixels

Point

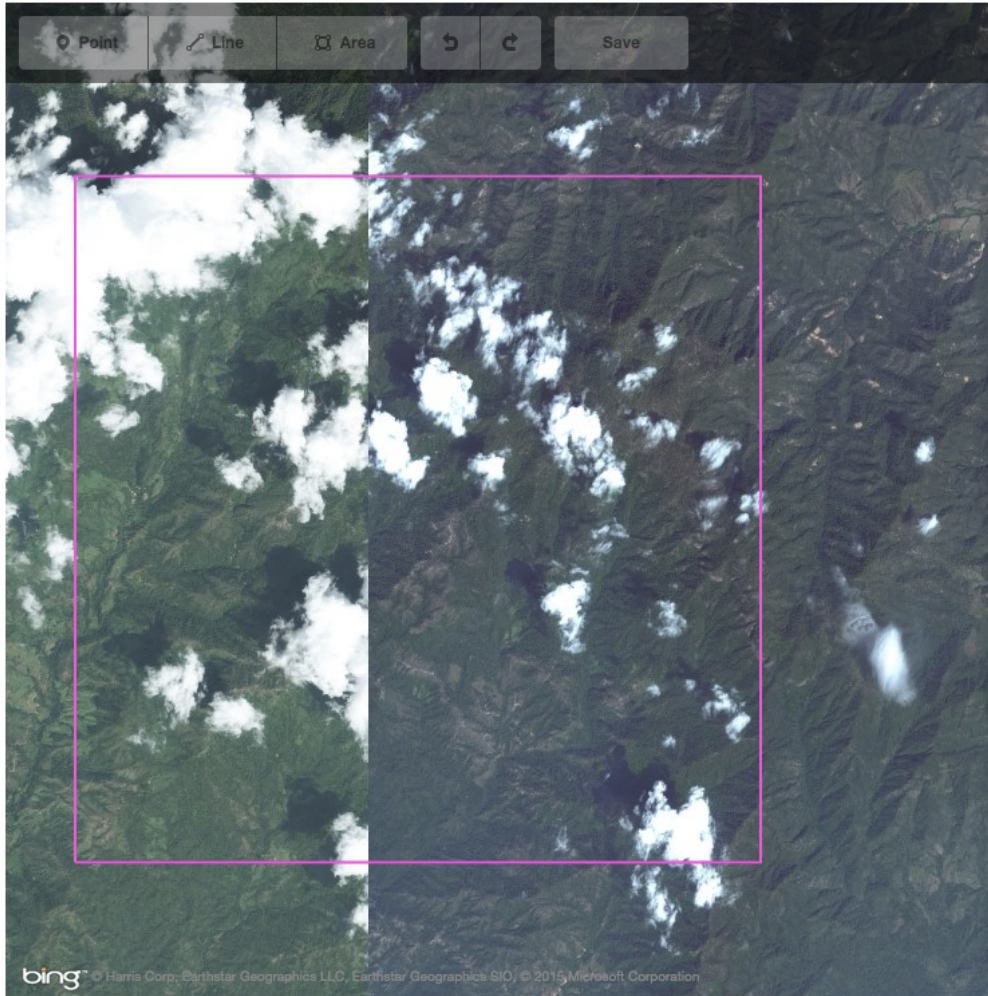
Line

Area

↶

↷

Save



Background

- None
- Bing aerial imagery
- Mapbox Satellite
- OpenStreetMap (Mapnik)
- Custom
- Locator Overlay
- OpenStreetMap GPS traces
- Minimap

Fix alignment

+ Zoom in to Edit

Point Line Area Save

Background

- None
- Bing aerial imagery
- Mapbox Satellite
- OpenStreetMap (Mapnik)
- Edit custom background

Locator Overlay

OpenStreetMap GPS traces

Minimap

Zoom in to Edit

The page at www.openstreetmap.org says:
Enter a tile URL template. Valid tokens are {z}, {x}, {y} for Z/X/Y scheme and {u} for quadtile scheme.

Cancel OK



Mauritania

Mali

Niger

Chad

Senegal

The Gambia

Guinea-Bissau

Guinea

Sierra Leone

Côte d'Ivoire

Ghana

Togo

Benin

Nigeria

Cameroon

Equatorial Guinea

Gabon

Congo

Central African Republic

Democratic Republic of the Congo

Gulf of Guinea

Sahara

Nouakchott
نواكشوط

Dakar

Bamako

Niamey

Burkina Faso

Kano

N'Djamena
إنجامينا

Conakry

Kumasi

Accra

Lome

Lagos

Abuja

Yaounde

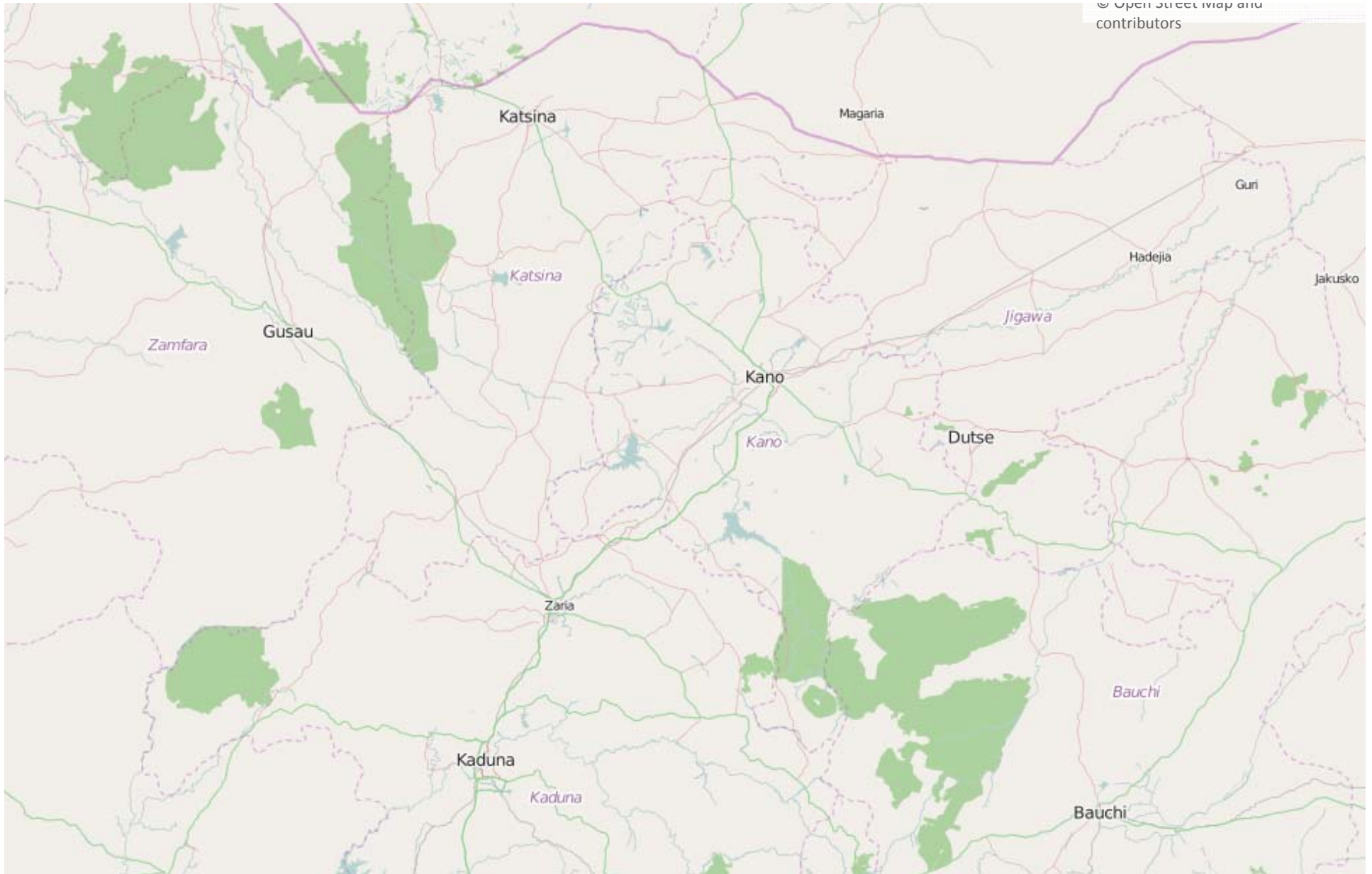
Douala

Sao Tome and Principe

Libreville

Pointe-Noire

Brazzaville

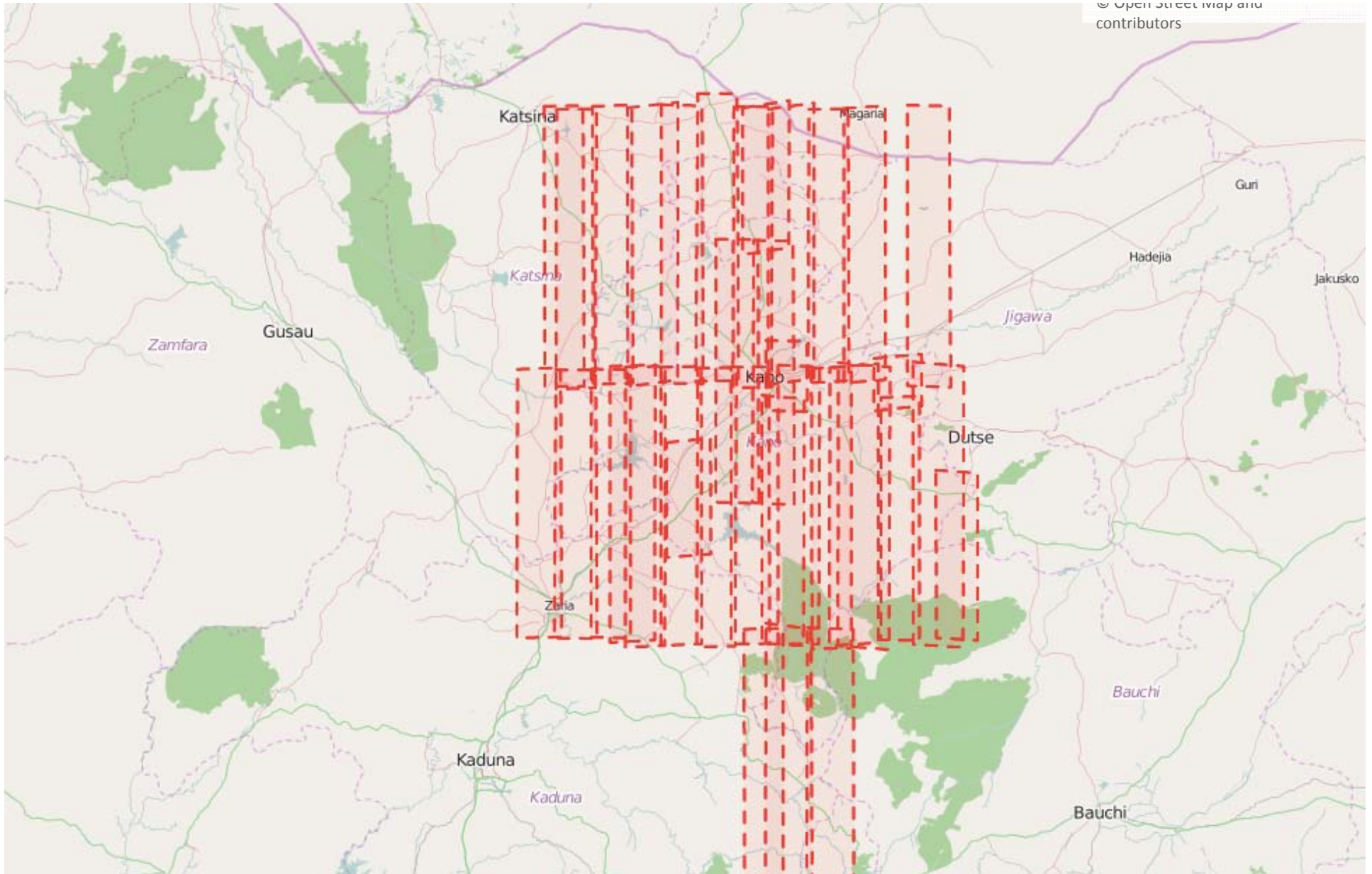


Kano state: 9.3M people, not many maps

Minna



Yankari National Park



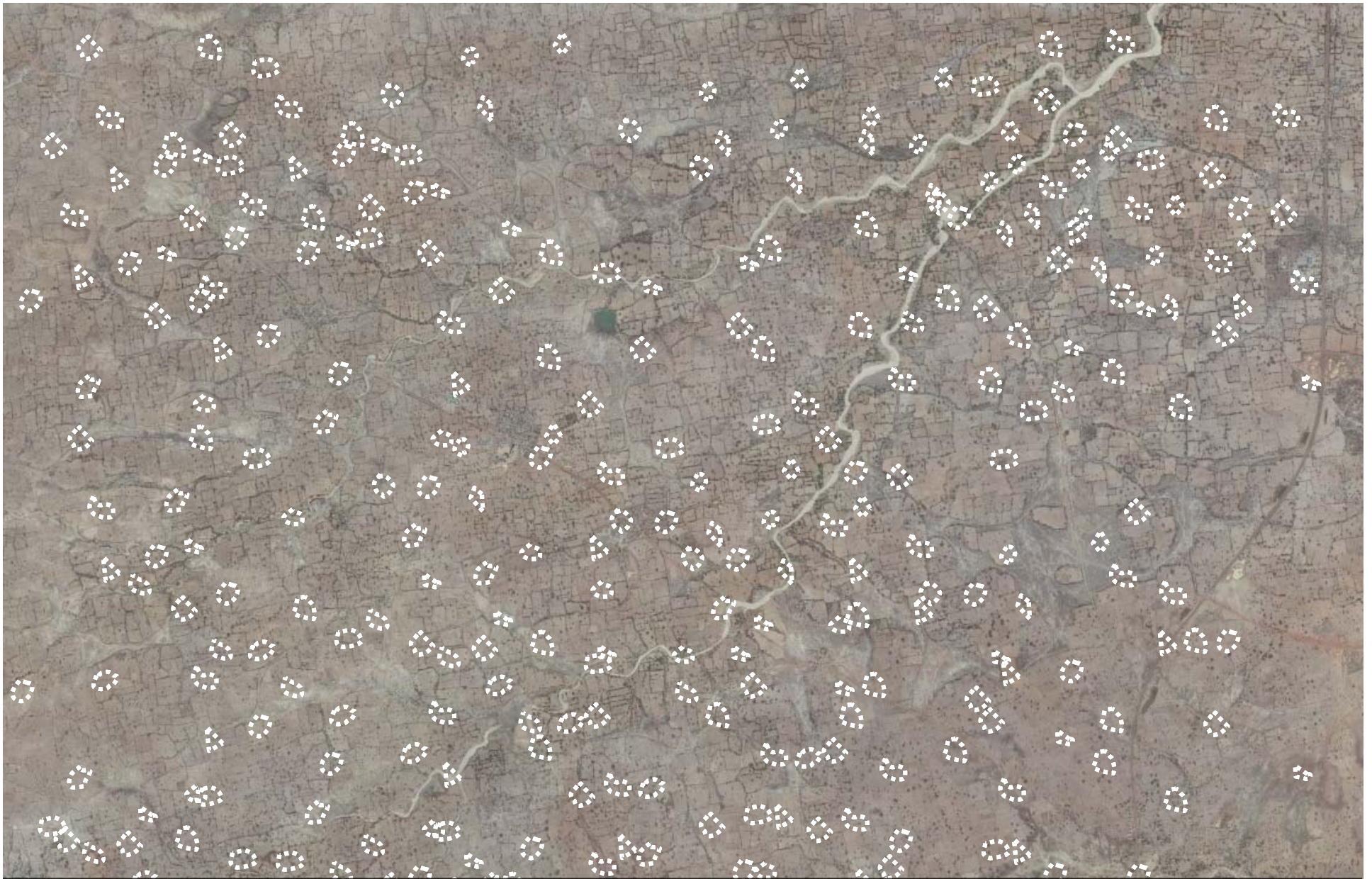
36 images from DigitalGlobe's archive cover Kano state

Minna

50 km
20 mi

Jos

Yankari



HUG algorithm identifies 130,000 possible human settlements

Choose the best label for the highlighted area.

Building(s) 1

No Building(s) 2

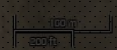
Share this Location

Tomnod crowd validates each location

Choose the best label for the highlighted area.

- Building(s) 1
- No Building(s) 2

Share this Location



DigitalGlobe
Fri 5/3/2013 10:15 AM UTC

Tomnod crowd validates each location

Choose the best label for the highlighted area.

Building(s) 1

No Building(s) 2

Share this Location



Tomnod crowd validates each location

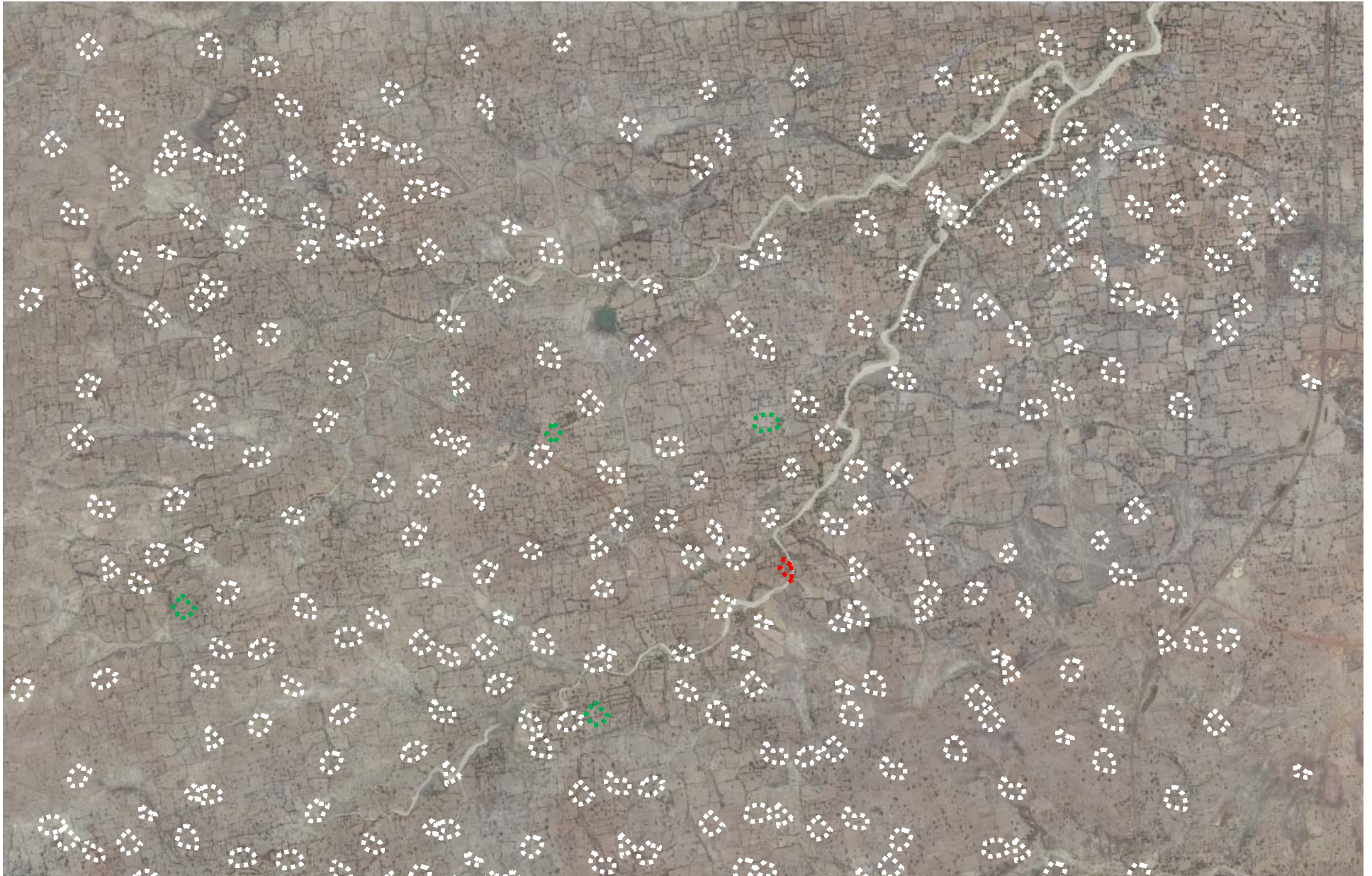
Choose the best label for the highlighted area.

Building(s) 1

No Building(s) 2

Share this Location

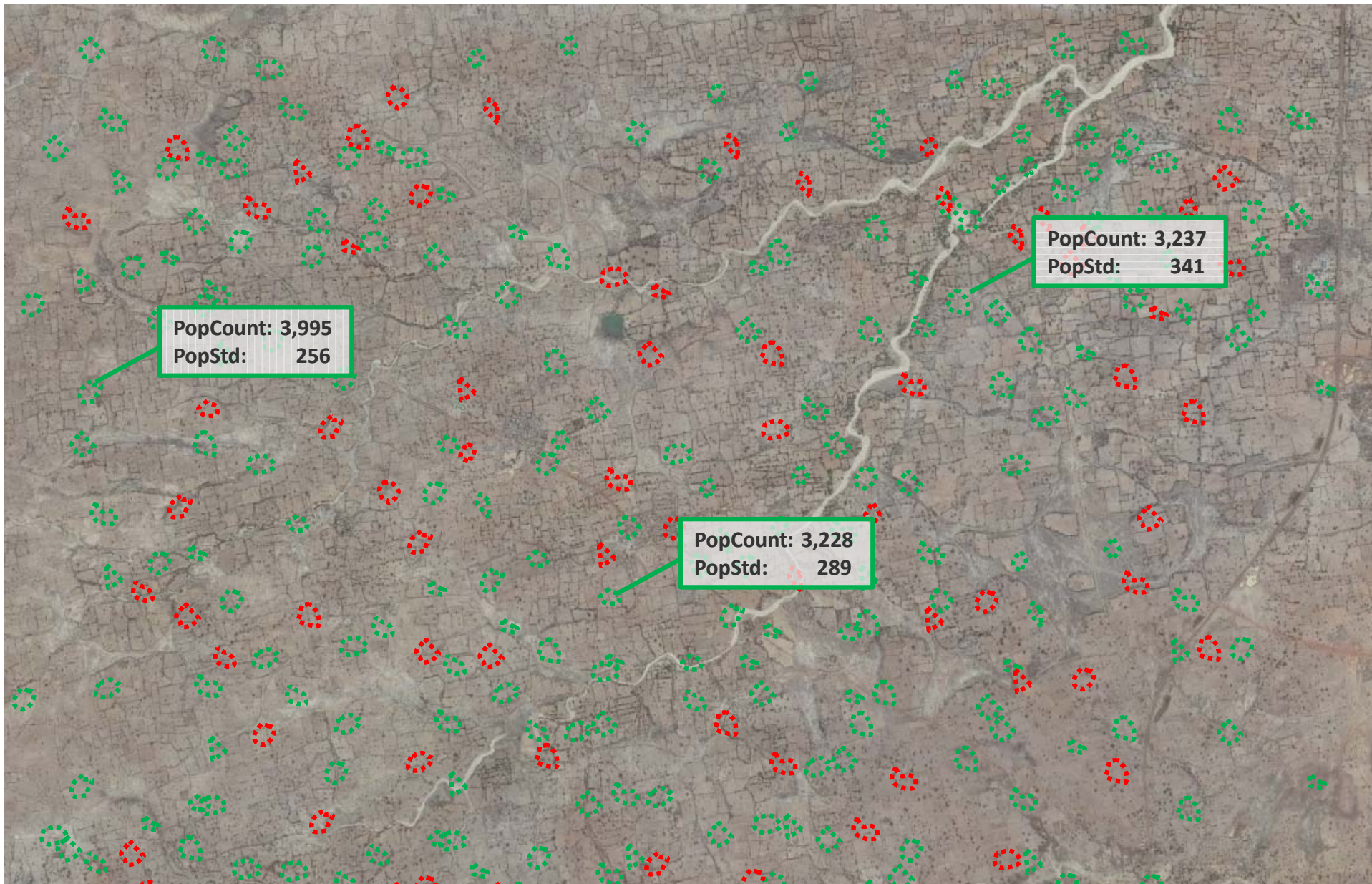
Tomnod crowd validates each location



Tomnod crowd validates each location

A black and white illustration of a clock face. The clock has a white circular border and twelve white square hour markers. The hands are white, with the hour hand pointing to 12 and the minute hand pointing to 1. The text "...repeat 680,000 times..." is written in yellow across the center of the clock face.

...repeat 680,000 times...

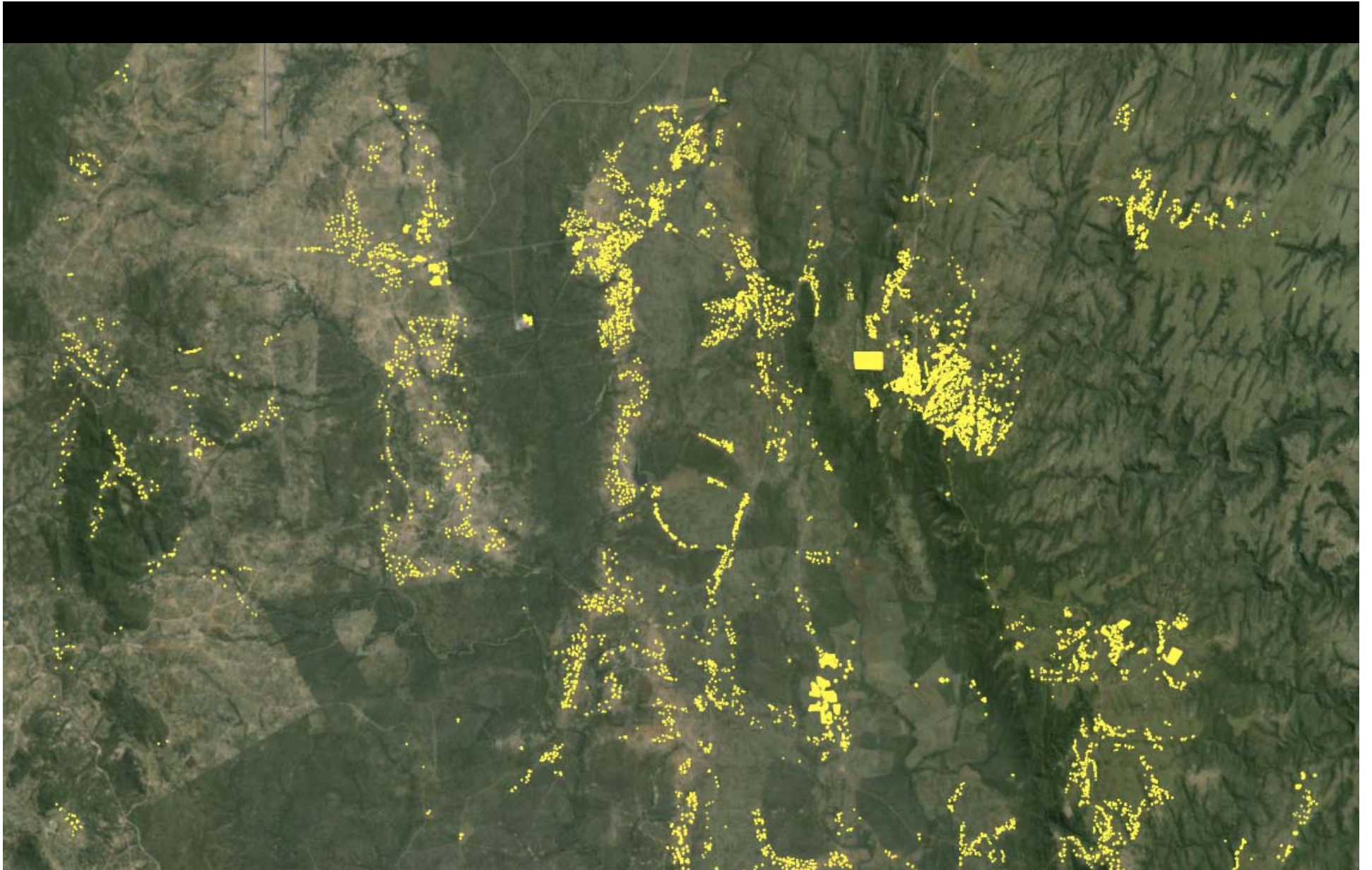


PopCount: 3,995
PopStd: 256

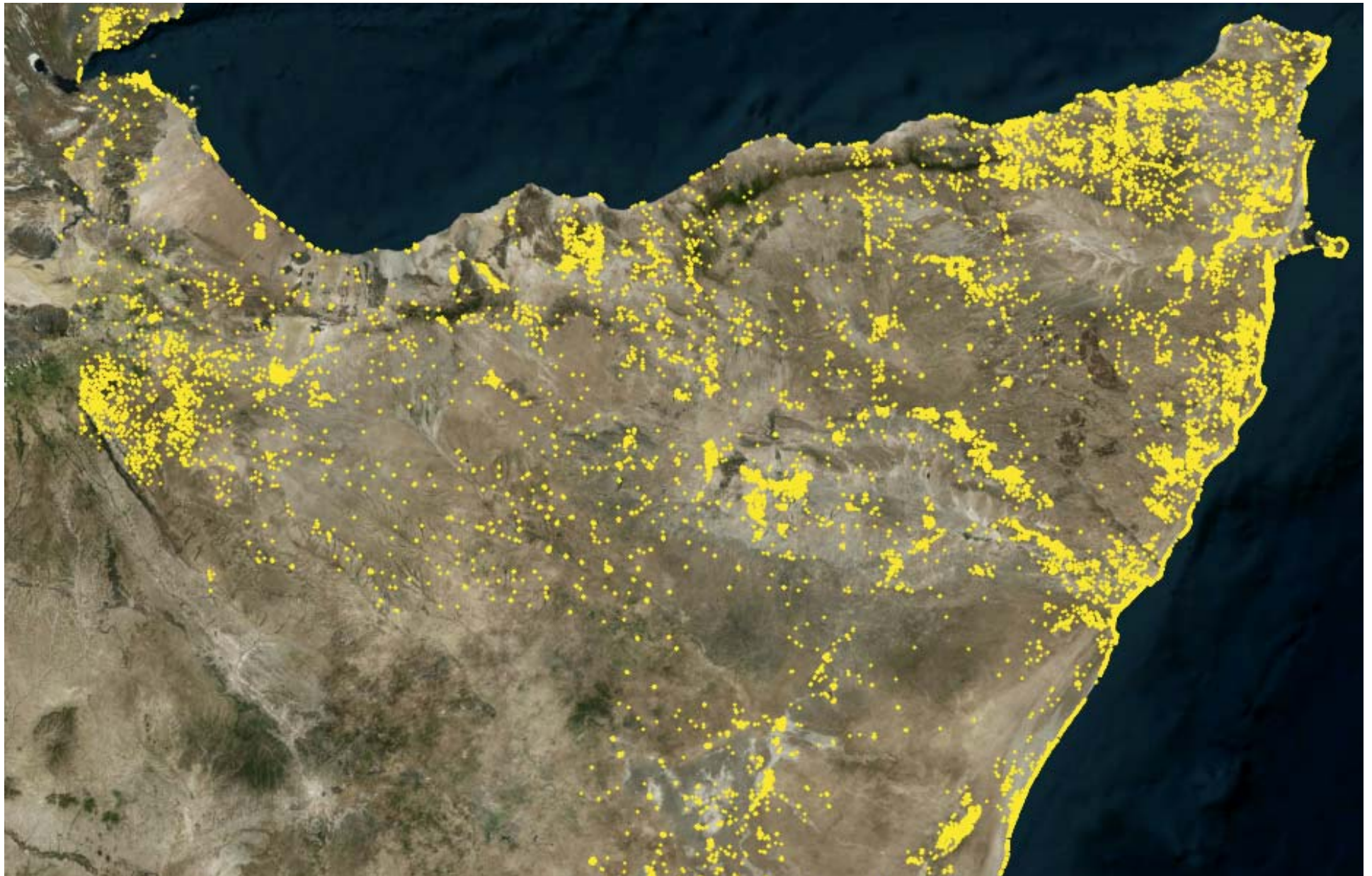
PopCount: 3,228
PopStd: 289

PopCount: 3,237
PopStd: 341

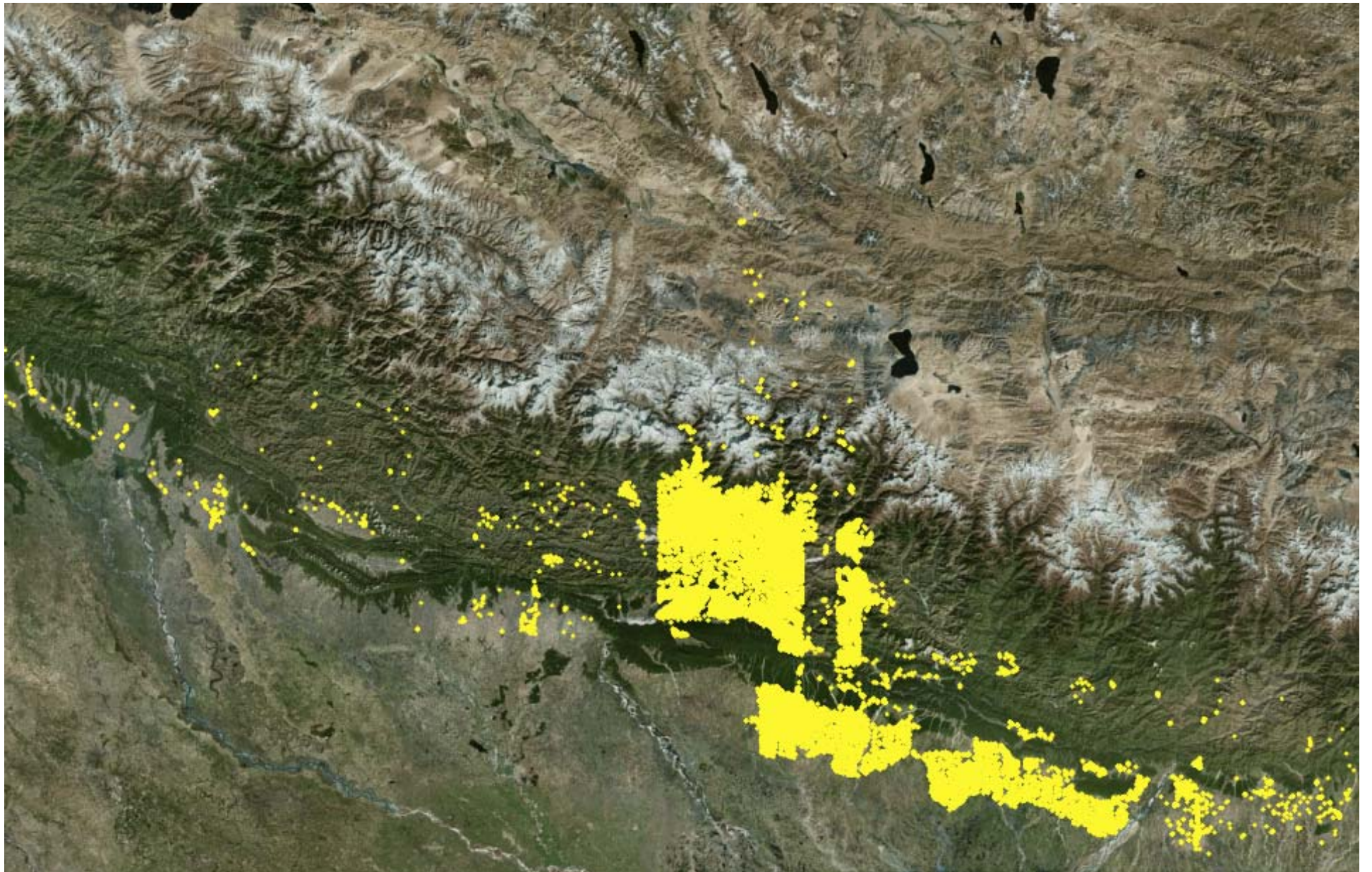
RESULT: precise village locations and detailed population density



SWAZILAND: All Buildings

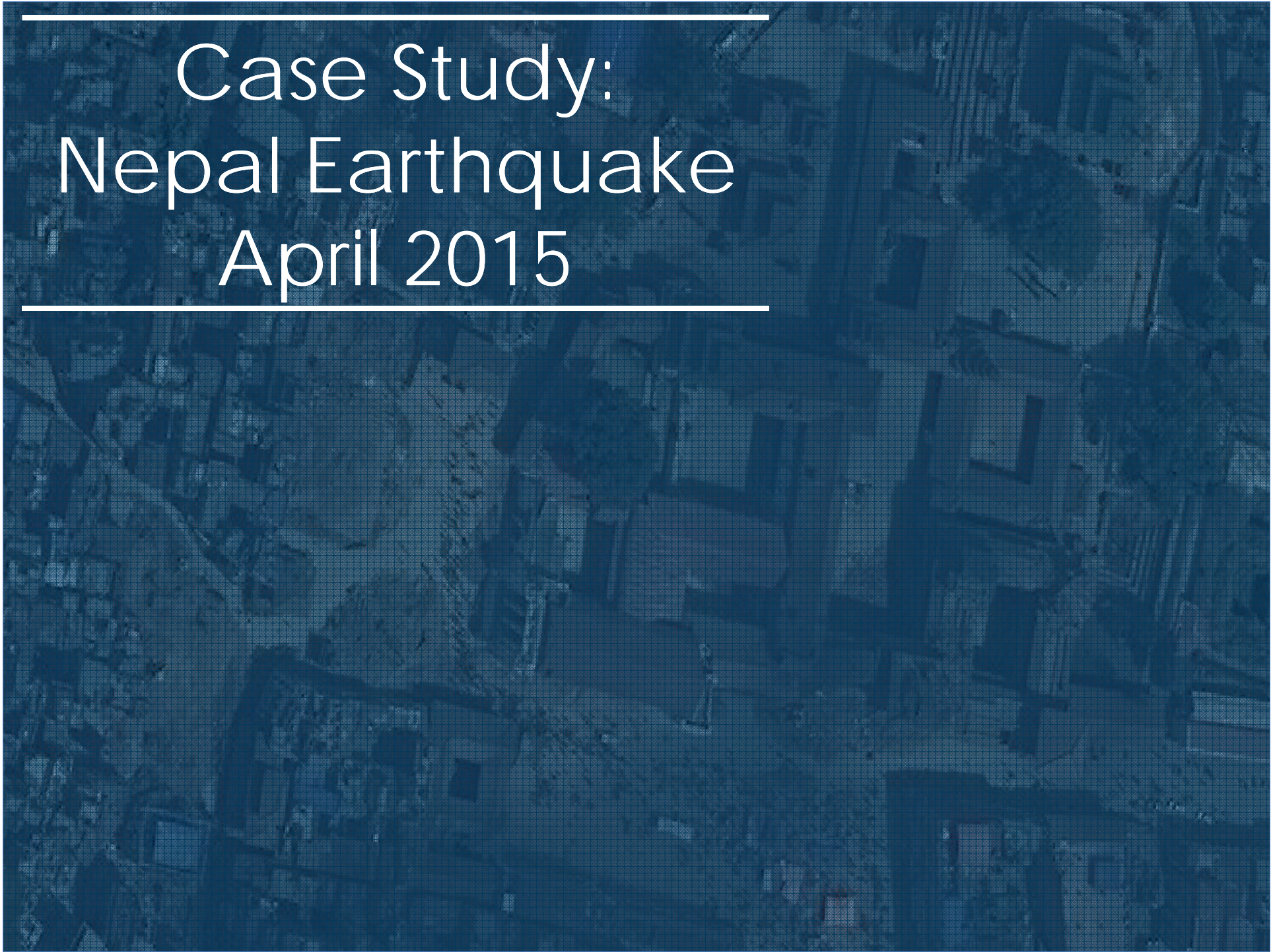


SOMALIA: 903,000km²



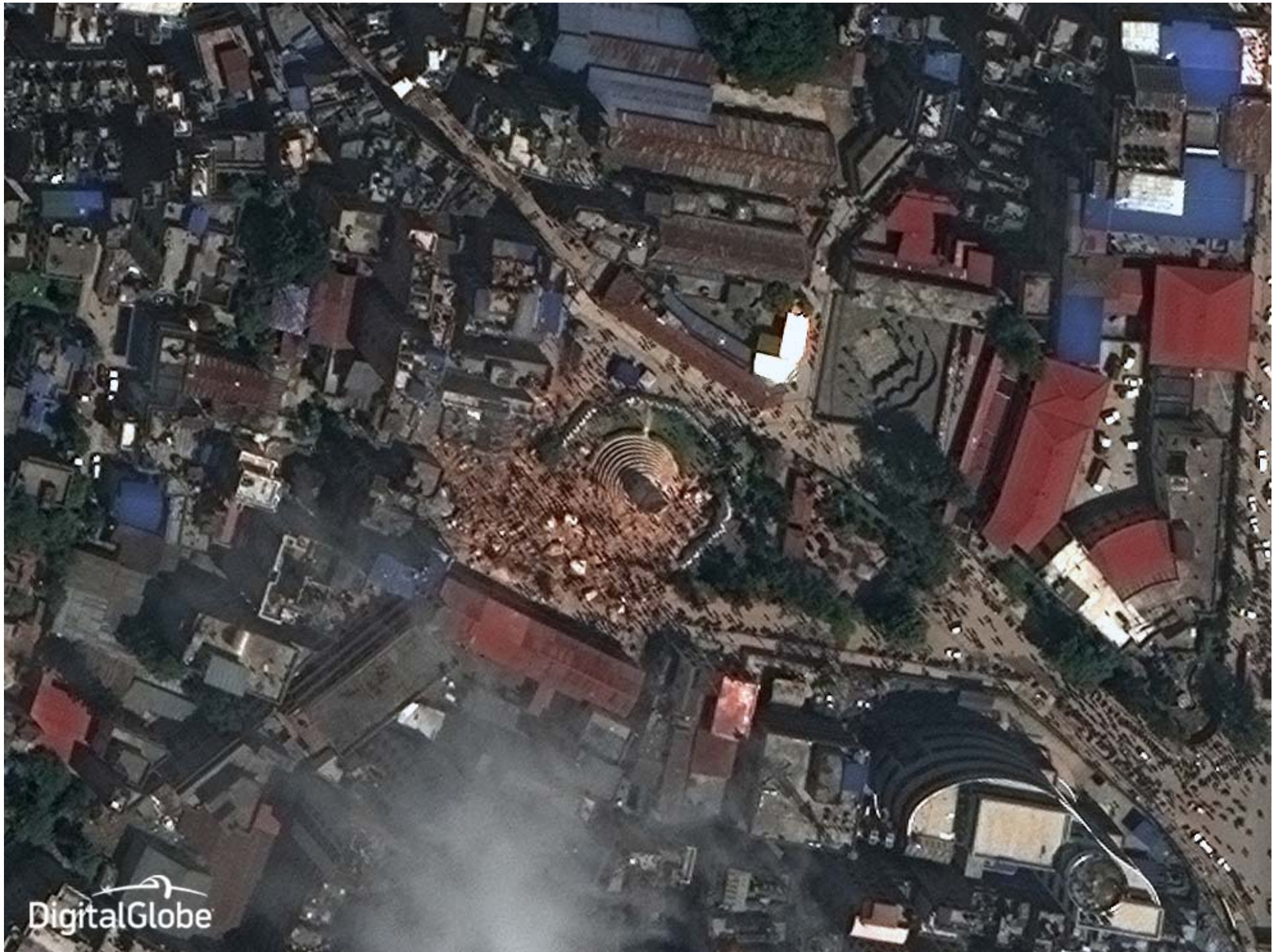
NEPAL: 100,000km²

Case Study: Nepal Earthquake April 2015



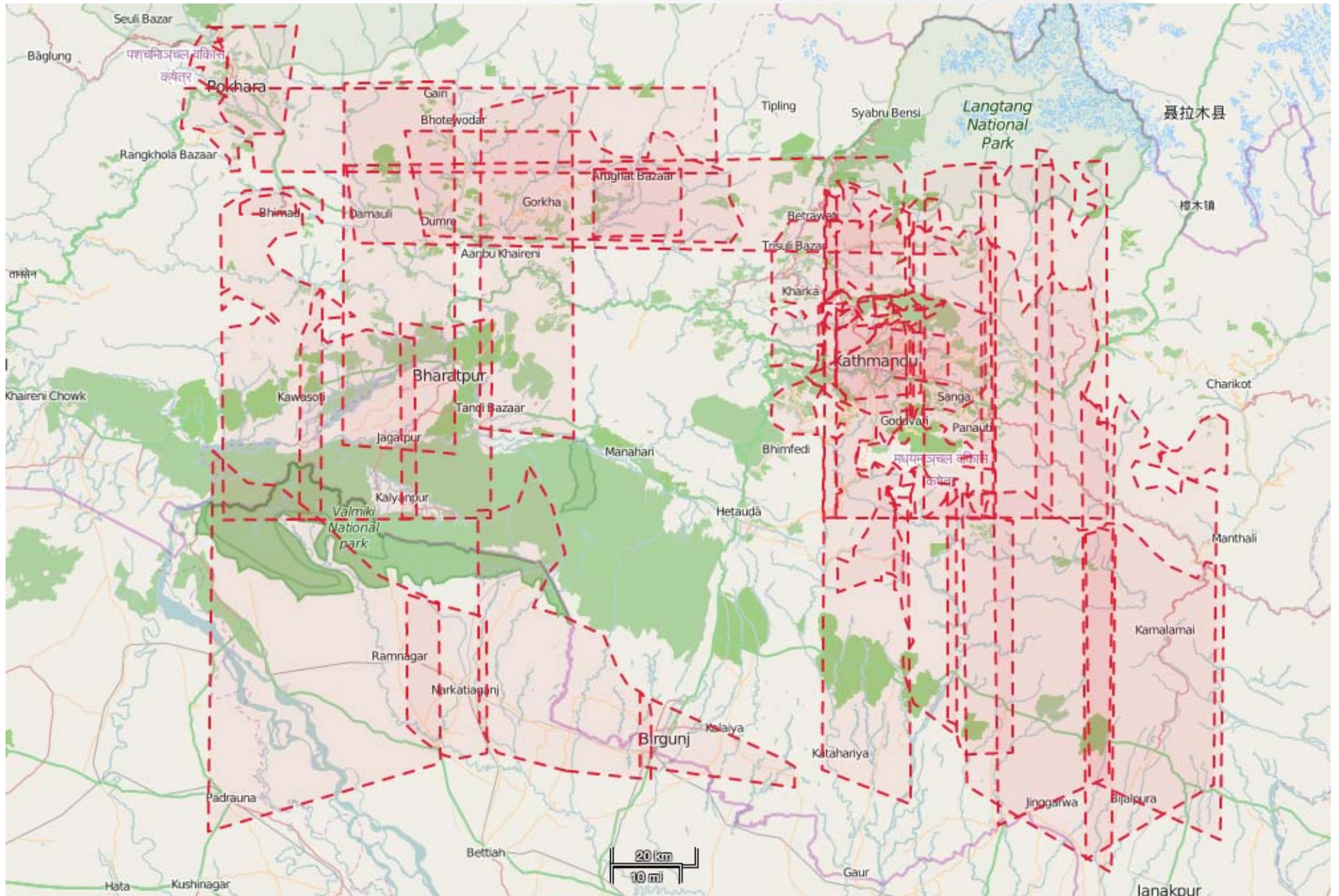


DigitalGlobe









7.8 Earthquake hits Nepal

Help disaster response teams by mapping damage from the recent deadly 7.8 magnitude earthquake that hit near Kathmandu, Nepal. Start by comparing before and after imagery and placing a tag in the center of every damaged building, damaged road and area of major destruction you find. To compare before and after imagery, press the "Q" and "W" keys on your keyboard or click the "Newest" and "Oldest" buttons in the bottom right corner of the map.

Search satellite images for...



Damaged
Building

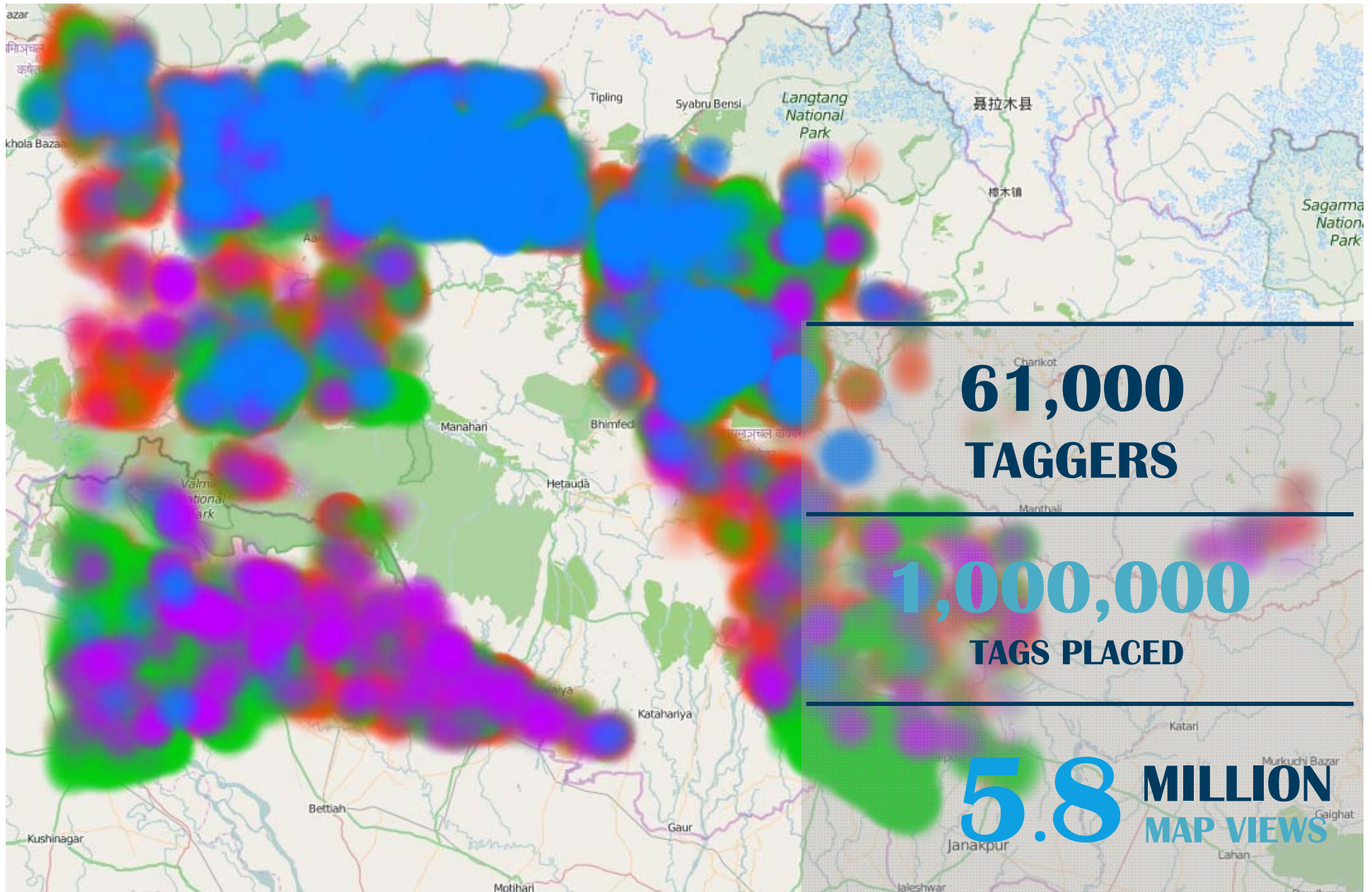


Major
Destruction



Damaged
Road

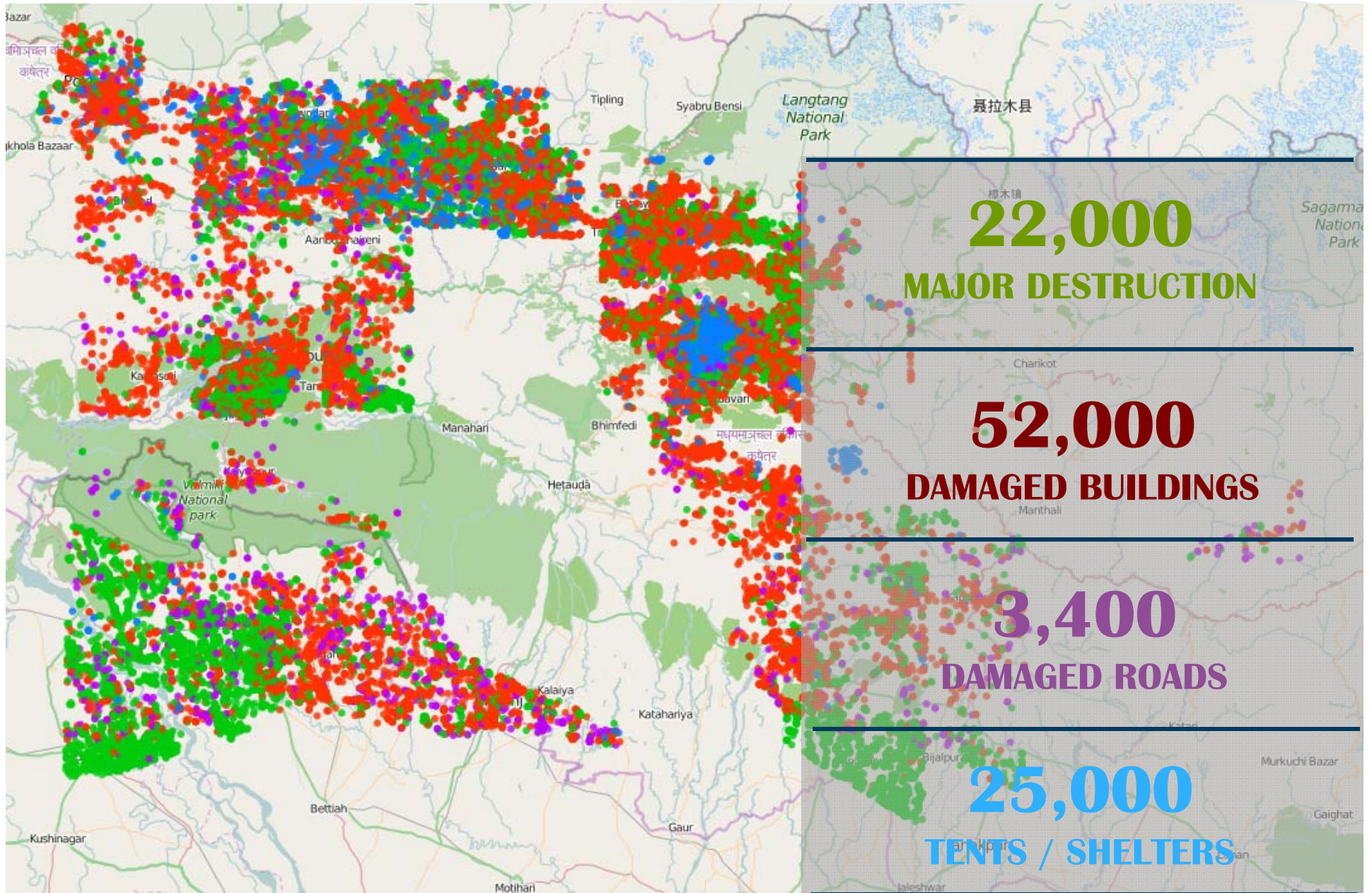
START SEARCHING



61,000
TAGGERS

1,000,000
TAGS PLACED

5.8 **MILLION**
MAP VIEWS



DAMAGED ROADS



DAMAGED BUILDINGS



TENTS / SHELTERS





2 m
10 ft



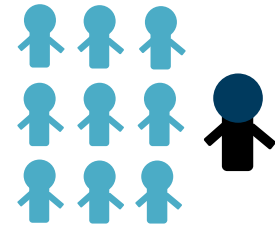
2 m
10 ft

tomnod Statistics

44km²

**2cm RESOLUTION
IMAGERY**

**11,338
TREE TAGGERS**



**3.3 MILLION
MAP VIEWS**

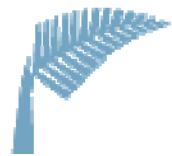




**2 MILLION
TAGS PLACED**



**937,362
AUSTRALIAN
TREE FERNS**



**981,519
PARTIAL
TREE FERNS**

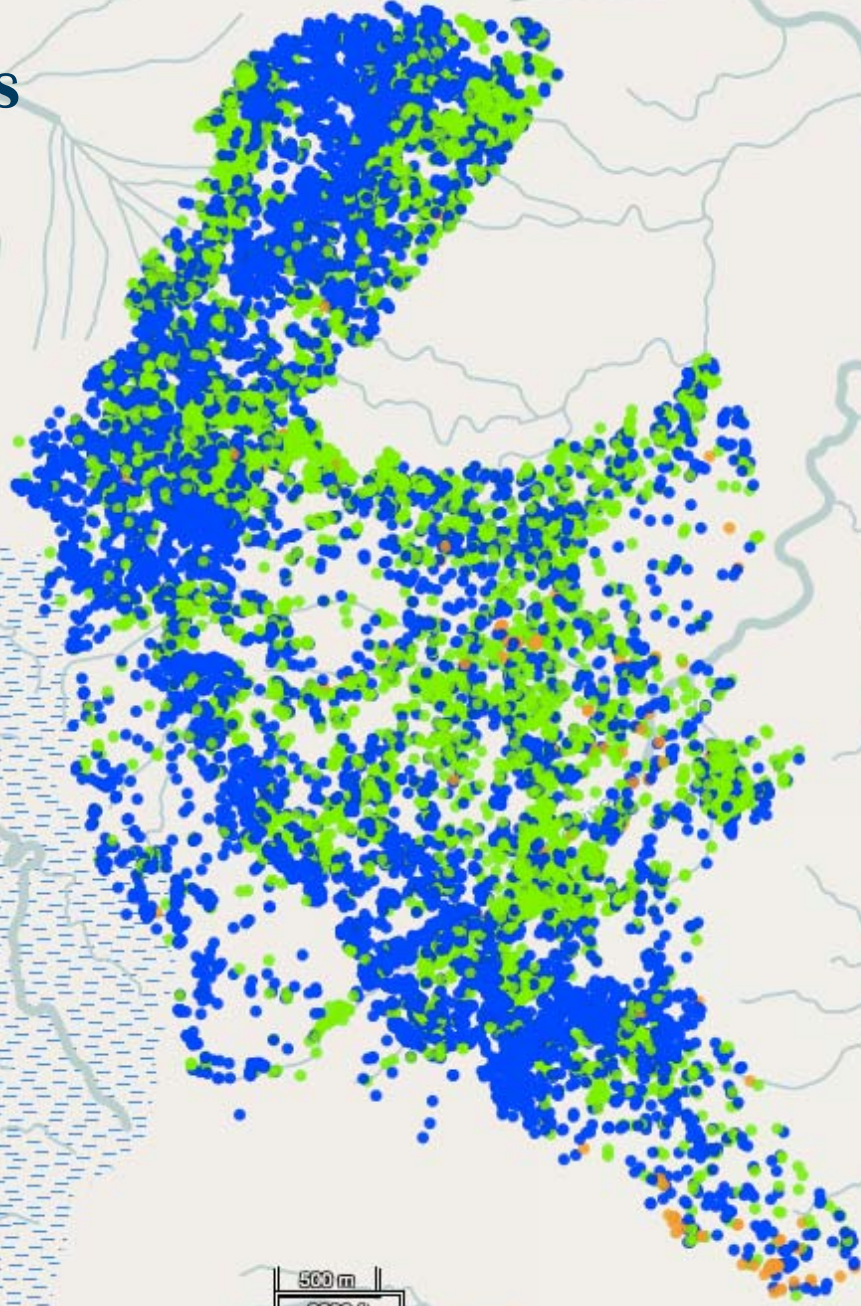


**51,286
AFRICAN
TULIP TREES**



22,000

CROWDRANK LOCATIONS





Citizen Science + Satellites

Luke Barrington, DigitalGlobe

@lukeinusa

