

Who's on First: Administrative Boundaries & Localities

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Nathaniel Vaughn Kelso, Mapzen

Who's On First

<https://whosonfirst.mapzen.com/>

Who's On First

Baseball Video Analysis | Baseball video review | STATS

Who's On First is a gazetteer of places. Not quite *all* the places in the world but a whole lot of them and, we hope, the kinds of places that we mostly share in common.

A gazetteer is a big list of places, each with a stable identifier and some number of descriptive properties about that location.

An interesting way to think about a gazetteer is to consider it as the space where debate about a place is managed but not decided. We call our gazetteer **Who's On First** (or sometimes "WOF" for short). According to [Wikipedia](#), Who's on First:

...is a comedy routine made famous by Abbott and Costello. The premise of the sketch is that Abbott is identifying the players on a baseball team for Costello, but their names and nicknames can be interpreted as non-responsive answers to Costello's questions. For example, the first baseman is named "Who"; thus, the utterance "Who's on first" is ambiguous between the question ("Which person is the first baseman?") and the answer ("The name of the first baseman is 'Who'"). "Who's on First?" is descended from turn-of-the-century burlesque sketches that used plays on words and names. Examples are "The Baker Scene" (the shop is located on Watt Street) and "Who Dyed" (the owner is named Who). In the 1930 movie *Cracked Nuts*, comedians Bert Wheeler and Robert Woolsey examine a map of a mythical kingdom with dialogue like this: "What is next to Which." "What is the name of the town next

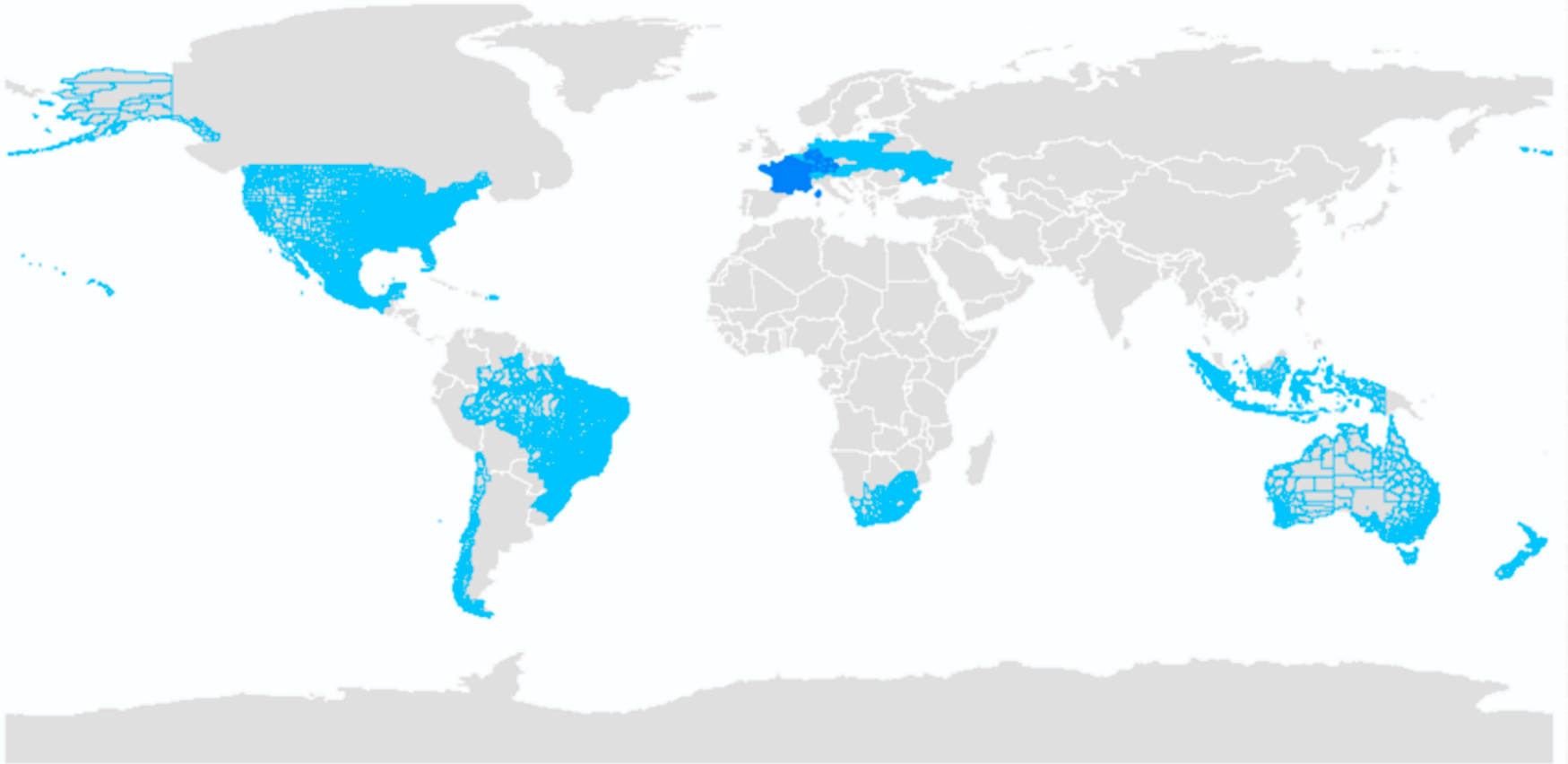
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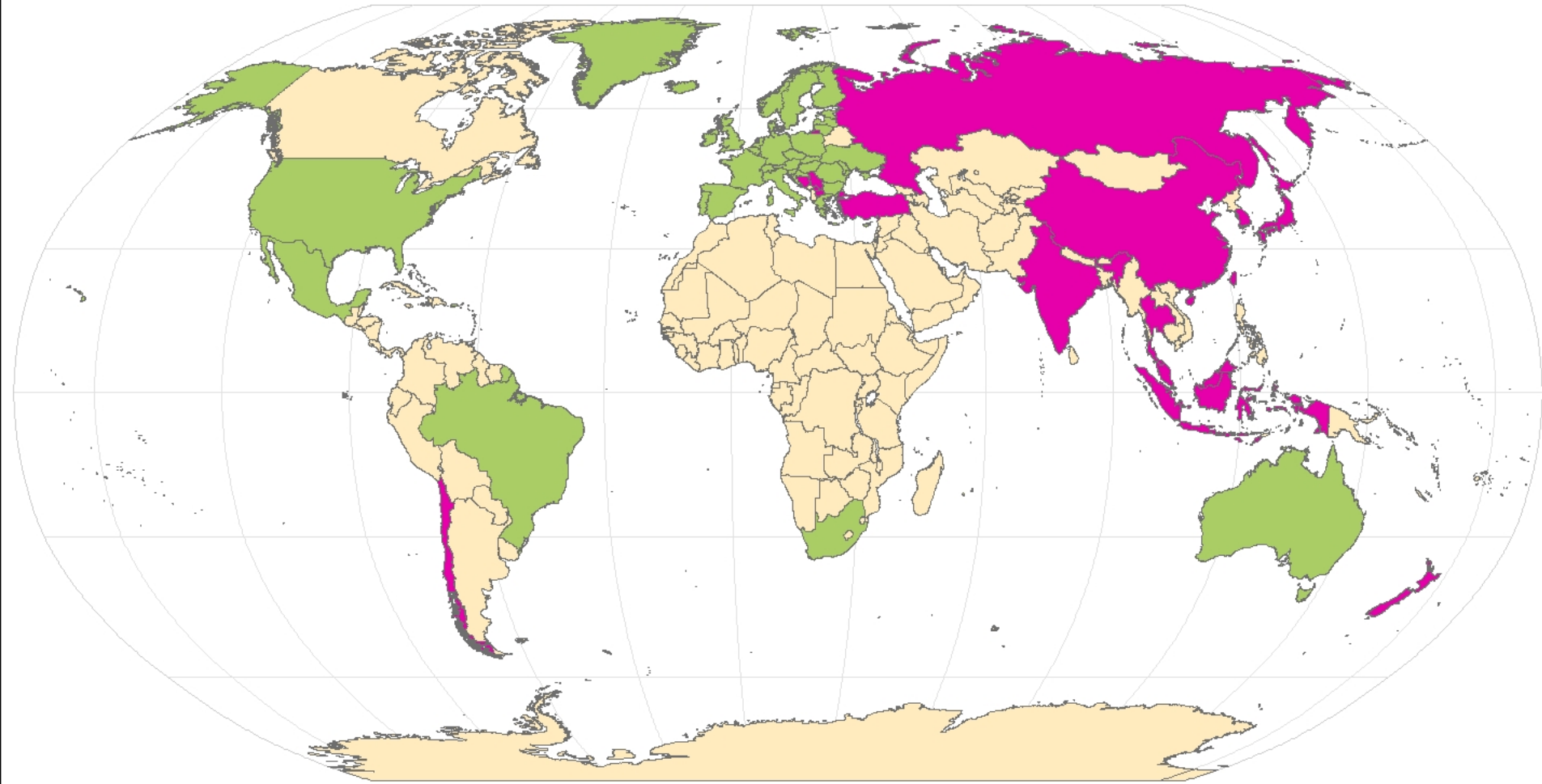
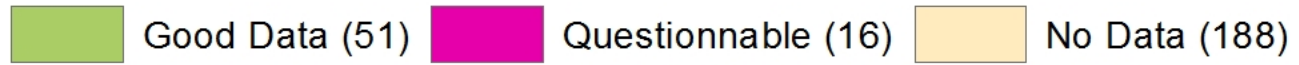
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Administrative level 2 (below) Counties in bright blue; regions shown in dark blue. National mapping agency data.



Quattroshapes Status



GAUL

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Global Administrative Unit Layers (GAUL)

1:00 2:00 3:00 Kilometers

Default view

By Group

ISO Minimum

ISO Core

ISO All

By Package

Metadata

Identification

Maintenance

Constraints

Spat. Info

Ref. system

Distribution

Data quality

App. schema

Catalog

Content Info

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Global Administrative Areas

Boundaries without limits

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Known problems

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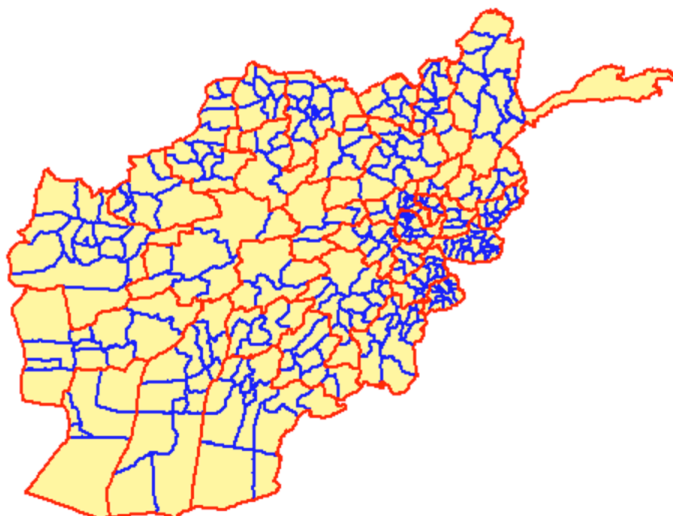
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Country: Afghanistan

Format: ESRI file geodatabase



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borders

Country, region and city boundary data from OpenStreetMap, served monthly

Each country link contains a zipped directory of geojson files, each describing increasingly detailed administrative boundaries. The hierarchy varies by country but in the United States, admin layer 2 describes the national boundary, layer 4 is states, layer 6 is counties, and layer 8 is cities. The OSM wiki has specifics for each country.

Check out [the OSM wiki](#) for more information on admin levels.

Full planet file available [here](#).

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EUROGLOBALMAP

EuroGlobalMap is a 1:1 million scale topographic dataset covering 45 countries and territories in the European region.

[It is now available as opendata.](#)

EuroGlobalMap is perfect for use as background to many applications from planning, monitoring and network analysis to presenting environmental policies.

The dataset contains six themes:

- Administrative boundaries
- The water network
- Transport networks
- Settlements
- Elevation
- Names locations



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Events

International Steering Committee for Global Mapping

<https://www.iscgm.org/gmd/>

The screenshot shows a web browser window with the URL <https://www.iscgm.org/gmd/>. The page header includes the ISC logo and the text "International Steering Committee for Global Mapping - Mapping the World, Advancing Global Understanding -". Navigation links for "Home", "About us", "Global Map Data", and "Link" are present. A language selector shows "English | Français | Español". The "Global Map Data" section is active, displaying a "Download Page" with a registration requirement: "You will need registration to use Global Map.(Registration)". Below this, a list of data types is shown: "National data", "Global Elevation", "Global Land Cover", "Global Vegetation", and "Viewer". The "National and Regional data" section explains that data is produced by national mapping organizations and is free for non-commercial use. An "Agreement for use" section, updated on August 5, 2014, states that copyright belongs to the data providers and that commercial use requires following their policies.

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Tile Service

Specifications

Global Map Data DL

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Urban Hazard Maps

Download Page

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You can download four kinds of Global Map Data (National data, Global Elevation, Global Land Cover, and Global Vegetation) and a Viewer on this page.

Please also check if you permit your browser to use cookies and JavaScript.

National data Global Elevation Global Land Cover Global Vegetation Viewer

National and Regional data

These data were produced by National Mapping Organizations of respective countries and regions under their responsibility. ISCGM will not assume any responsibility for the contents of these data. [For detailed information](#)

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(updated on August 5, 2014)

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Revolutionary GIS / Justin Meyers

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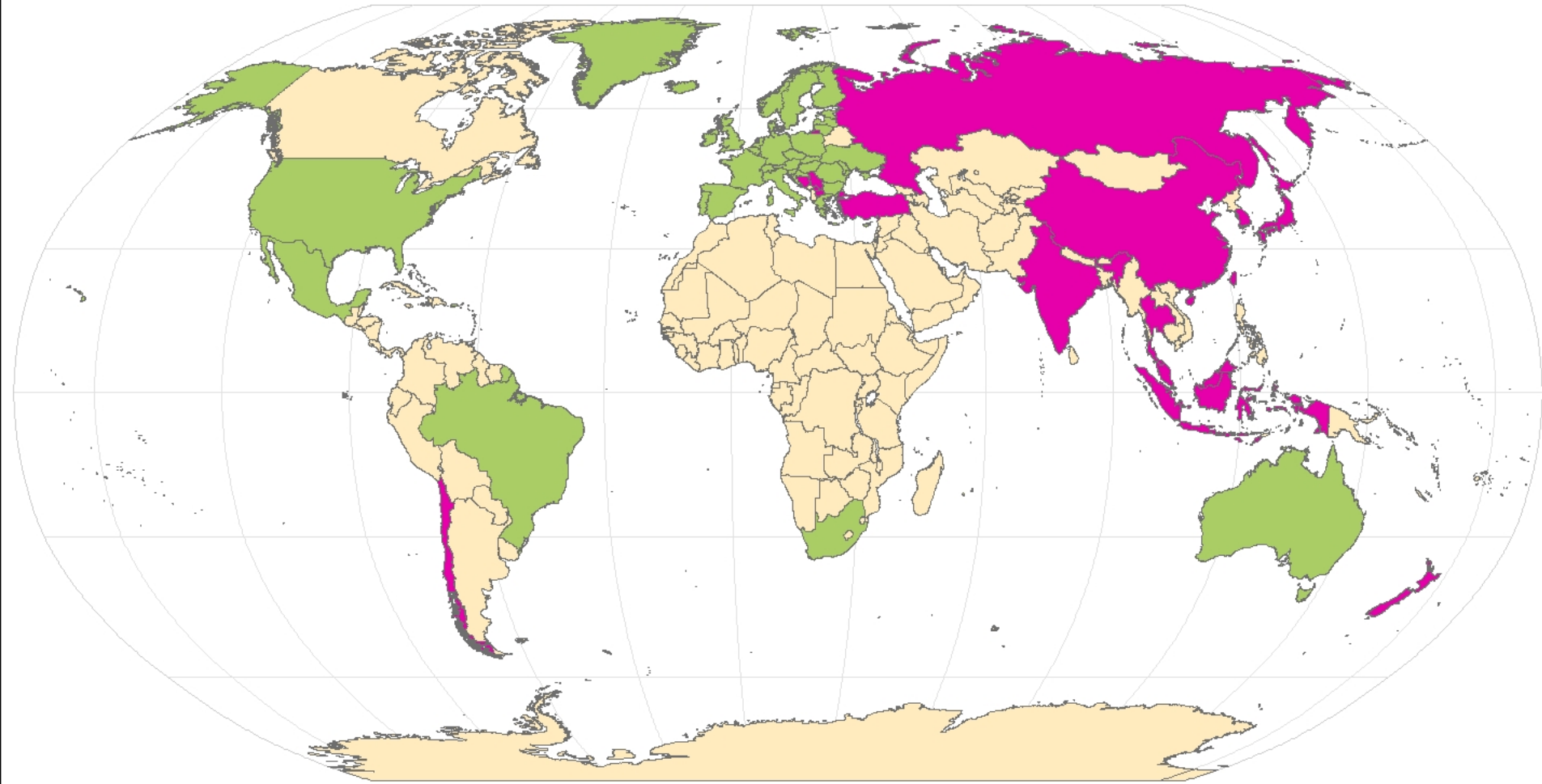
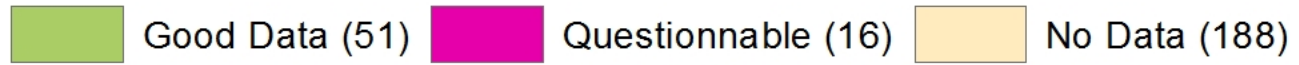
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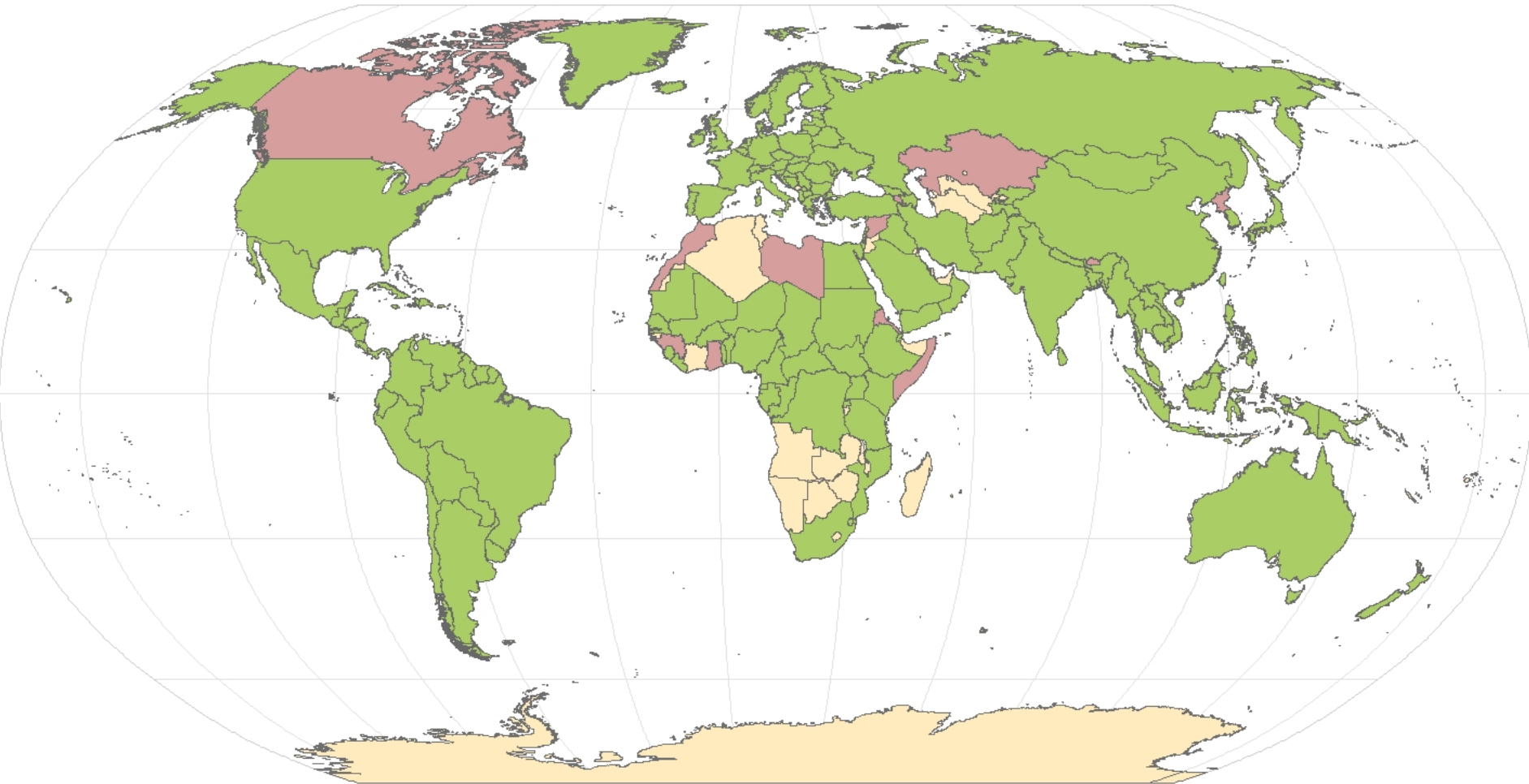
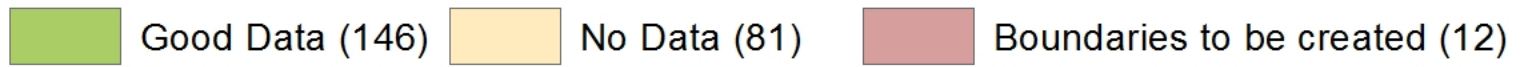


Project Status

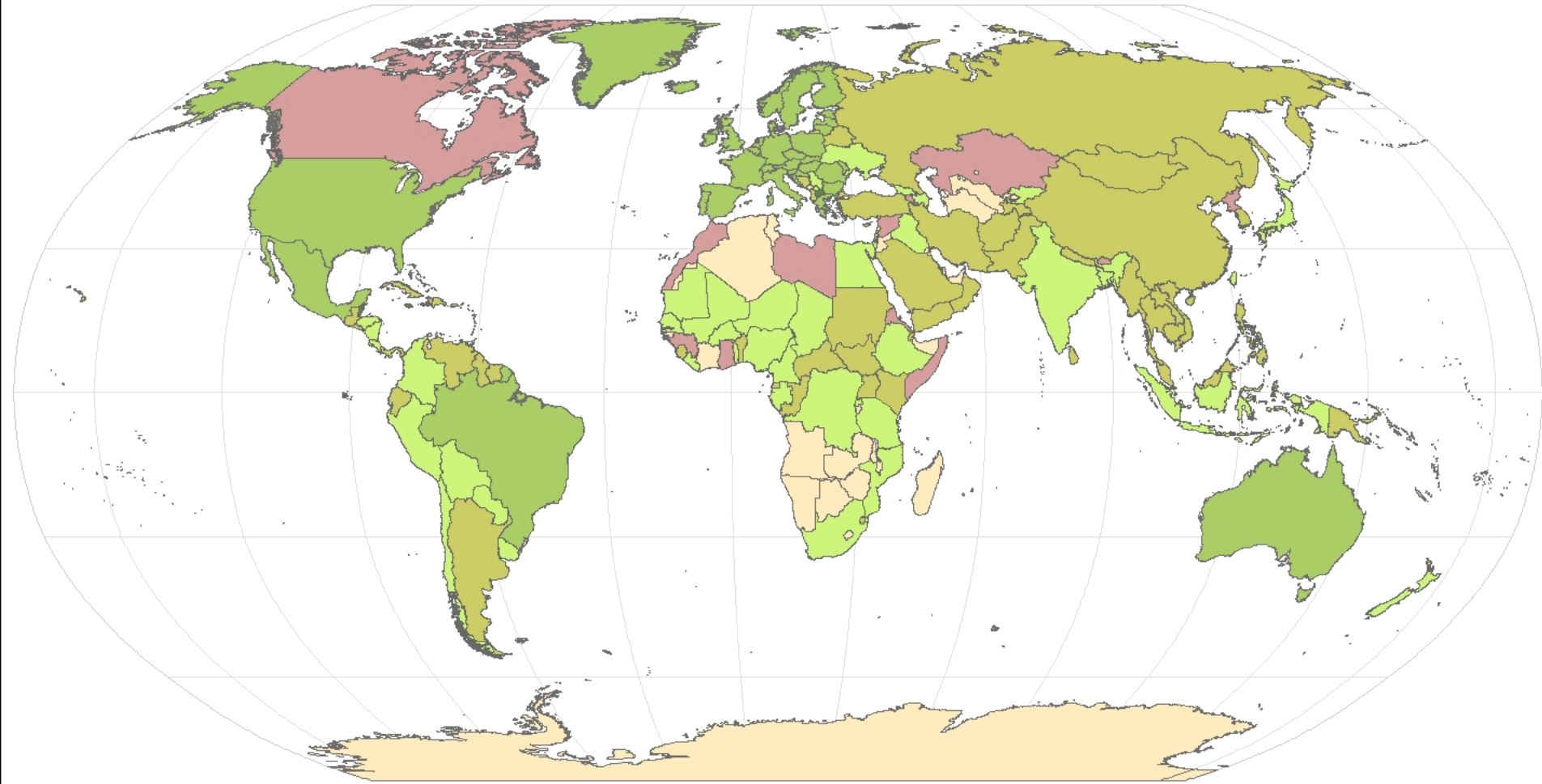
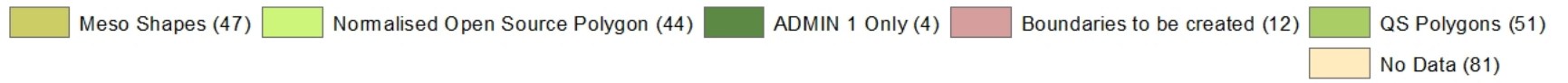
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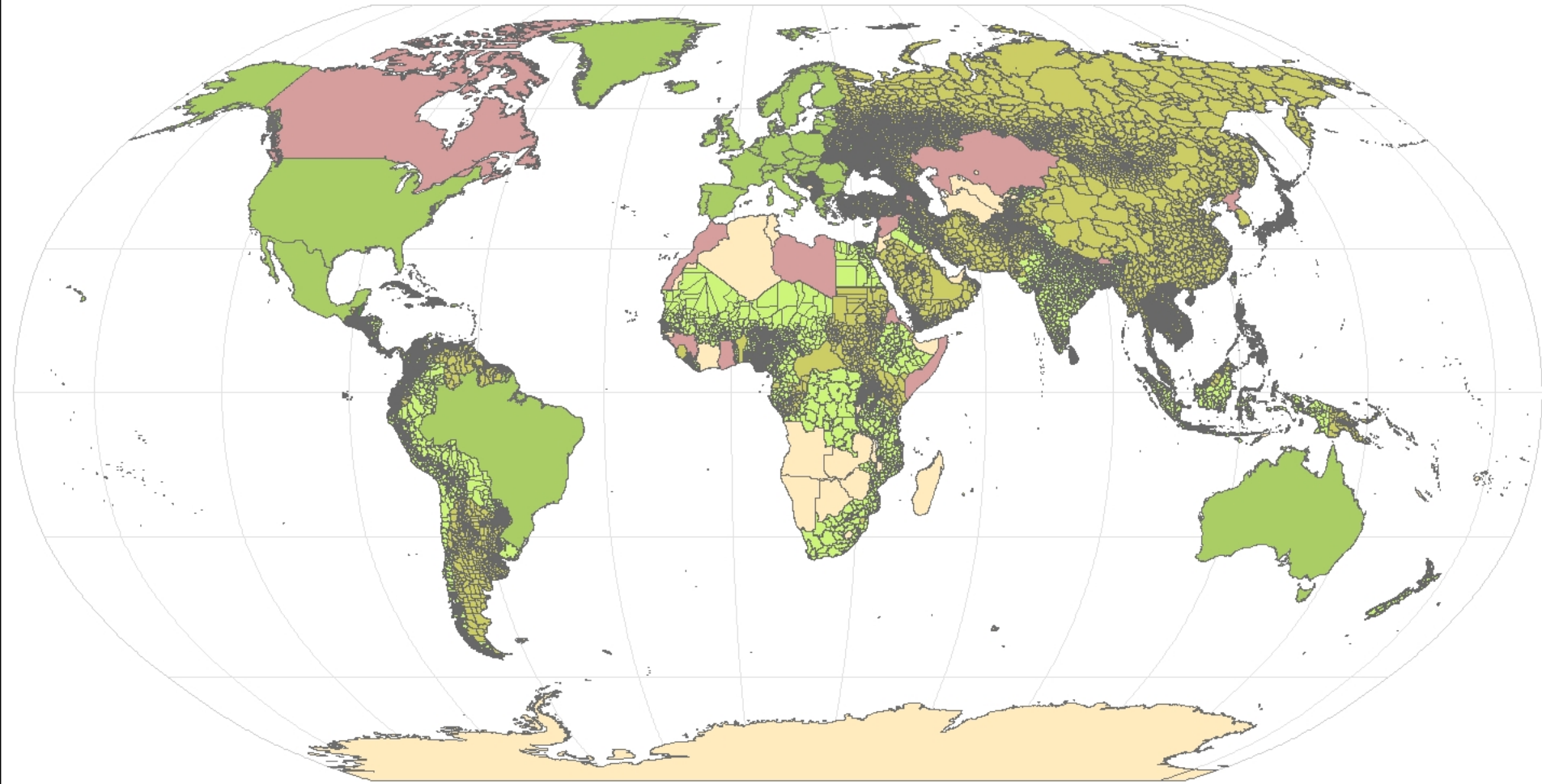
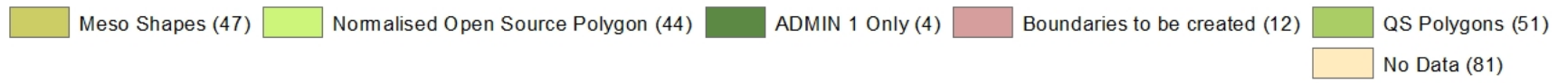
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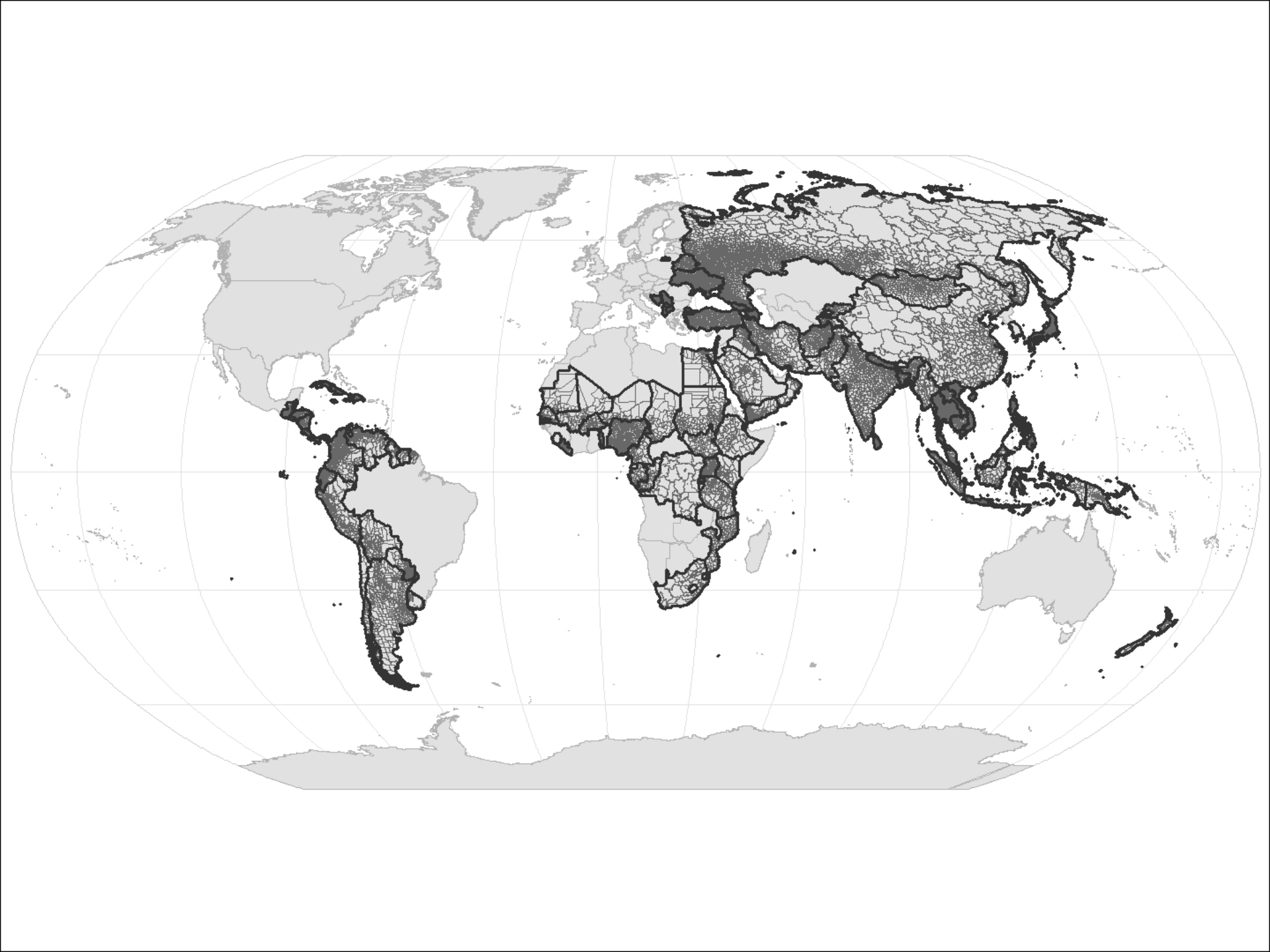


Data Type



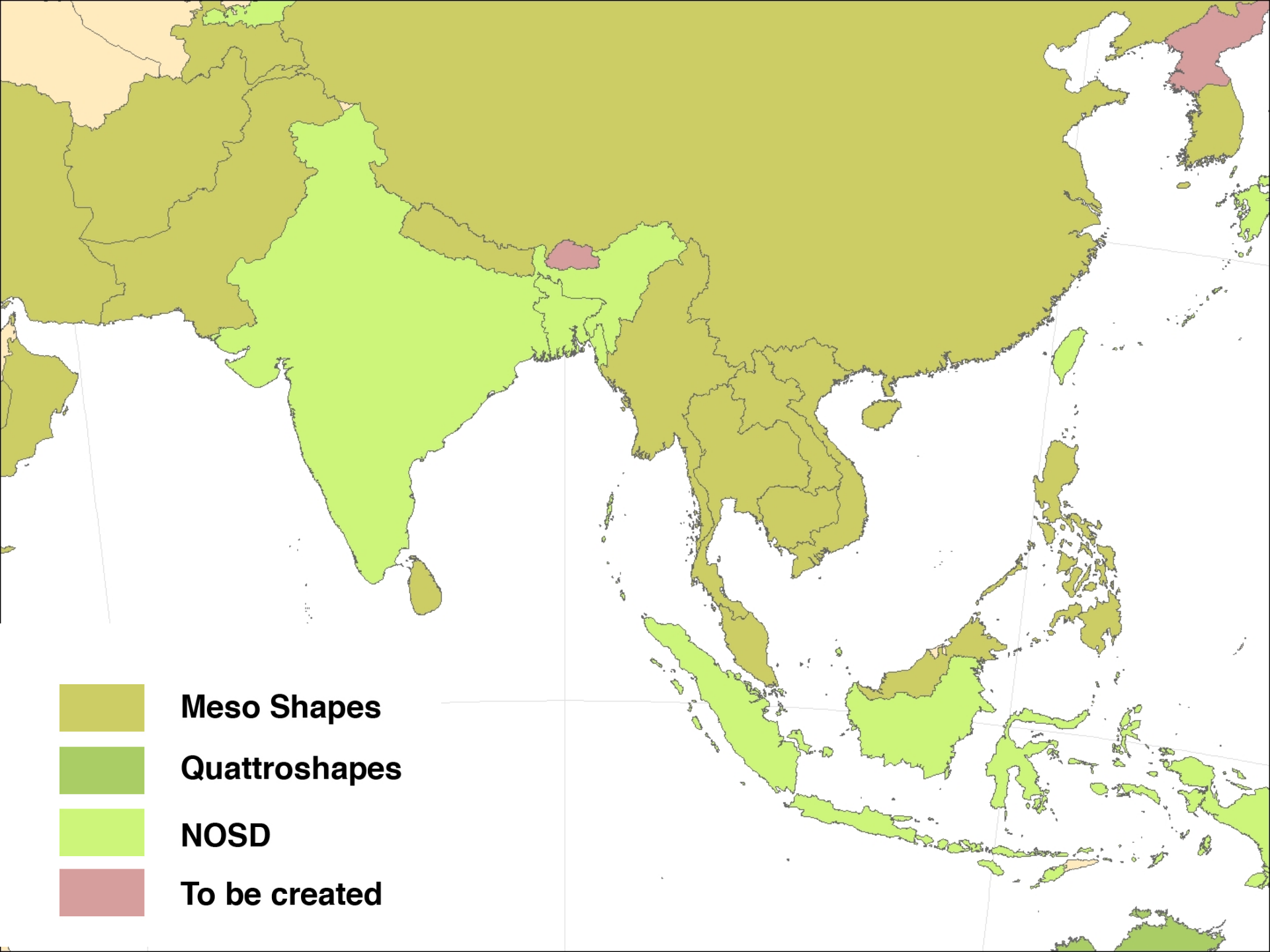
Data Type











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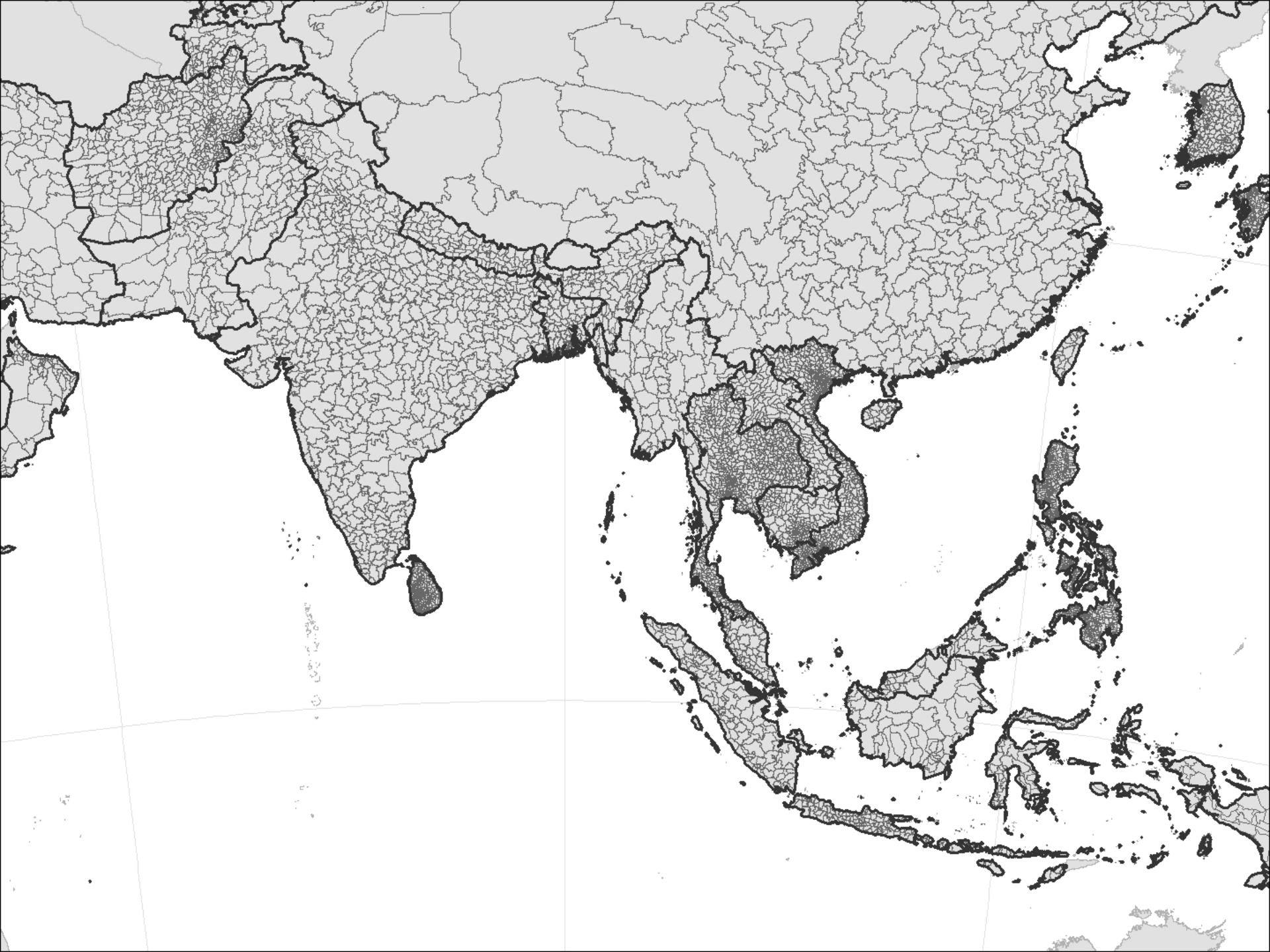
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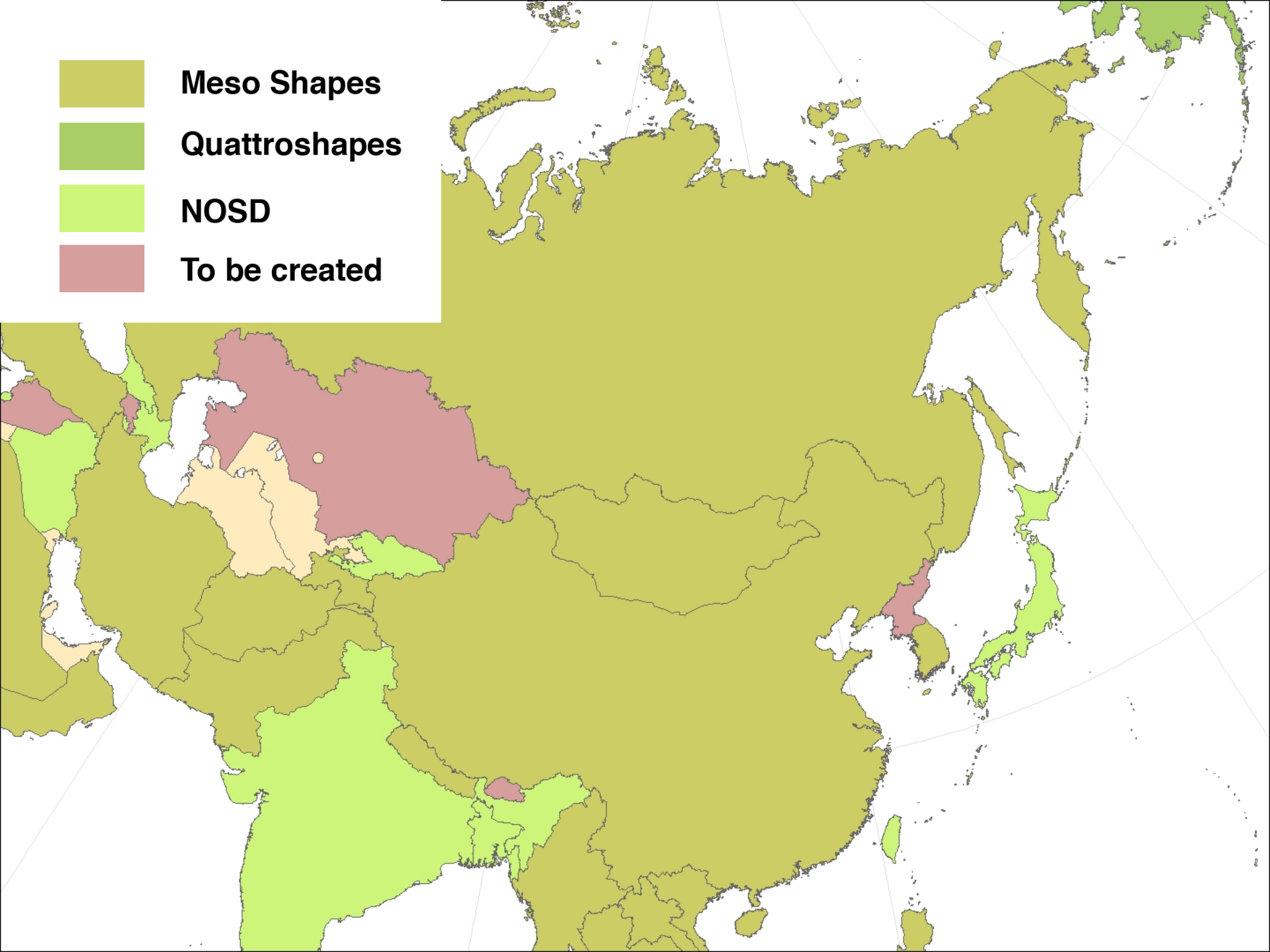


NOSD



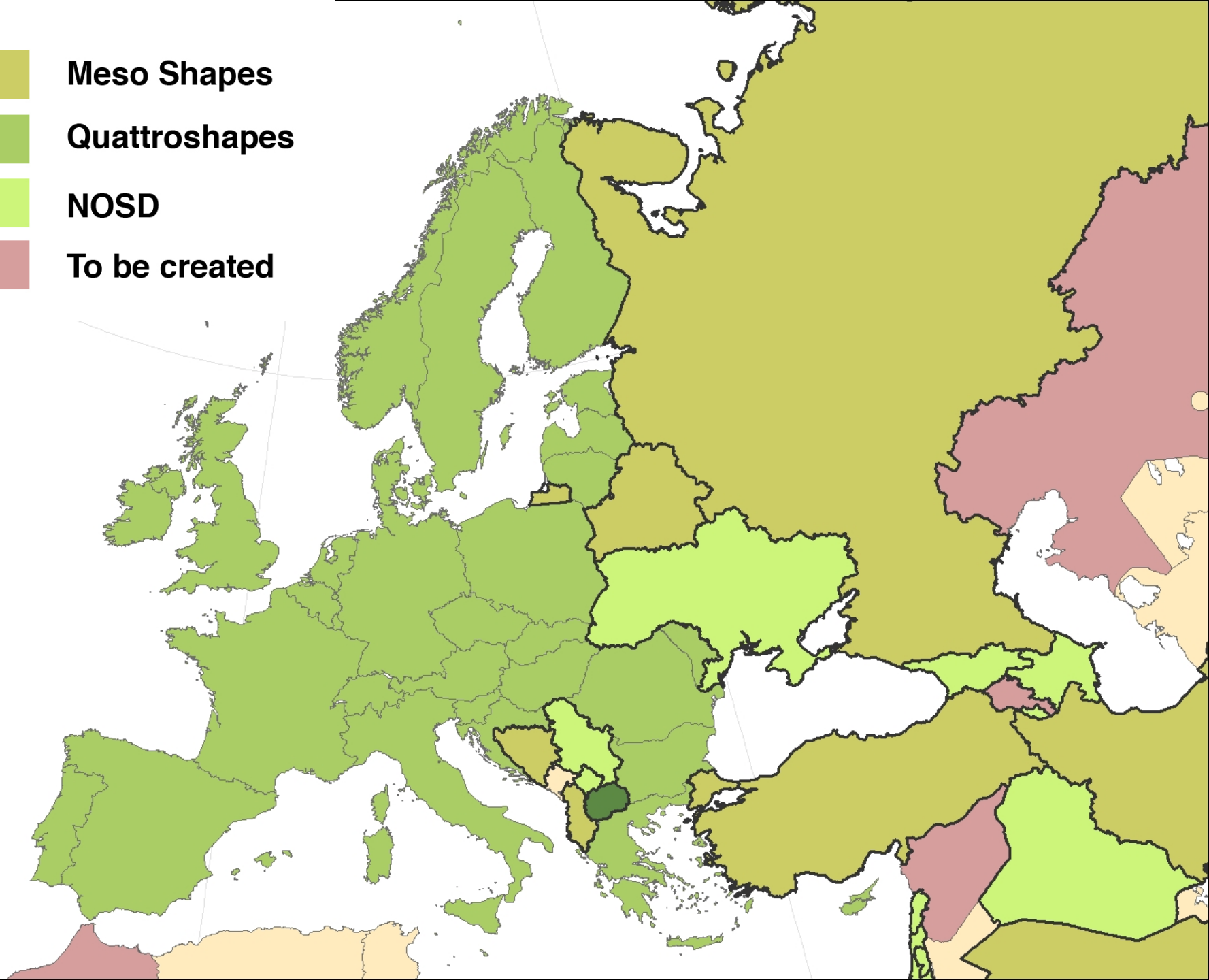
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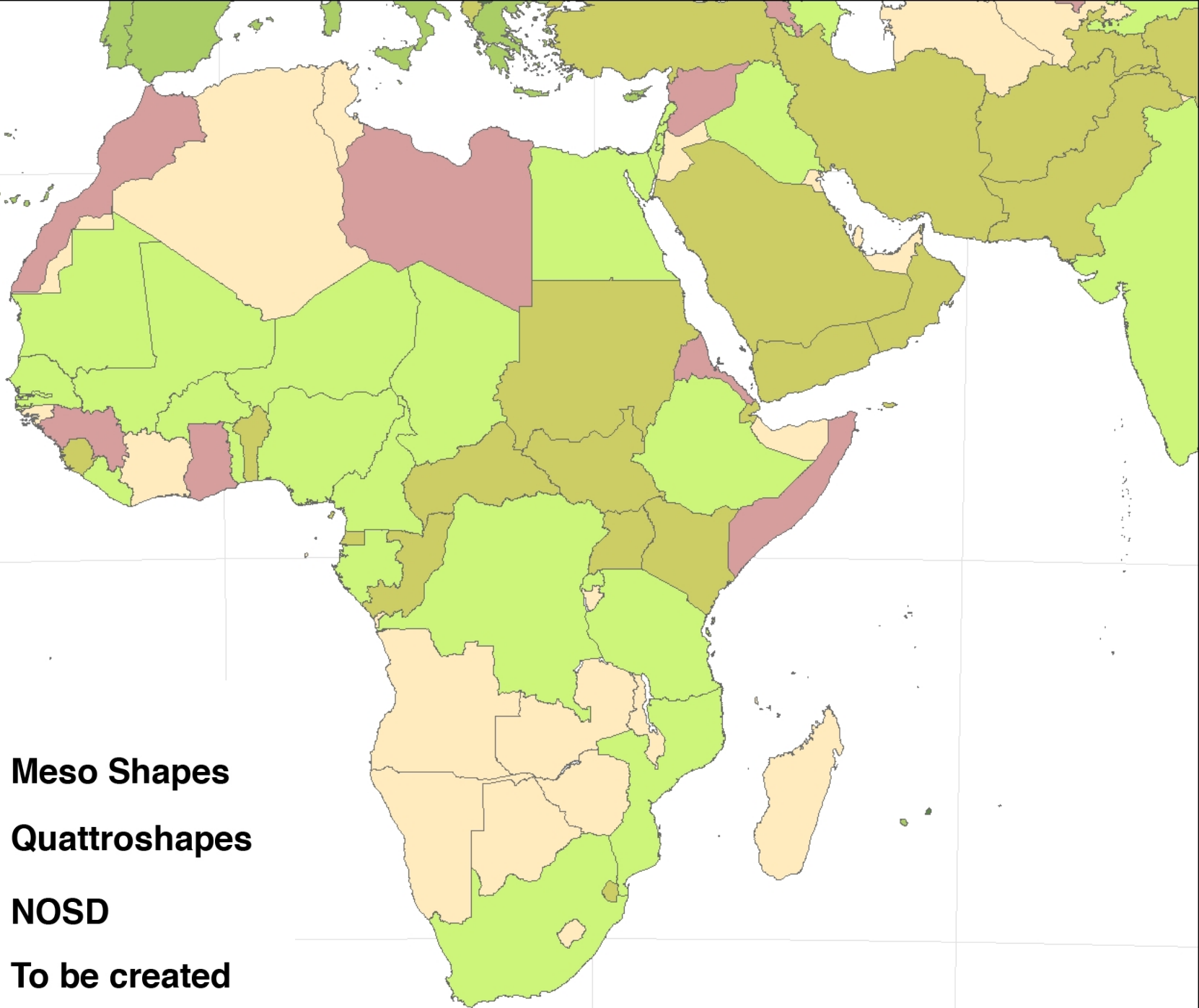


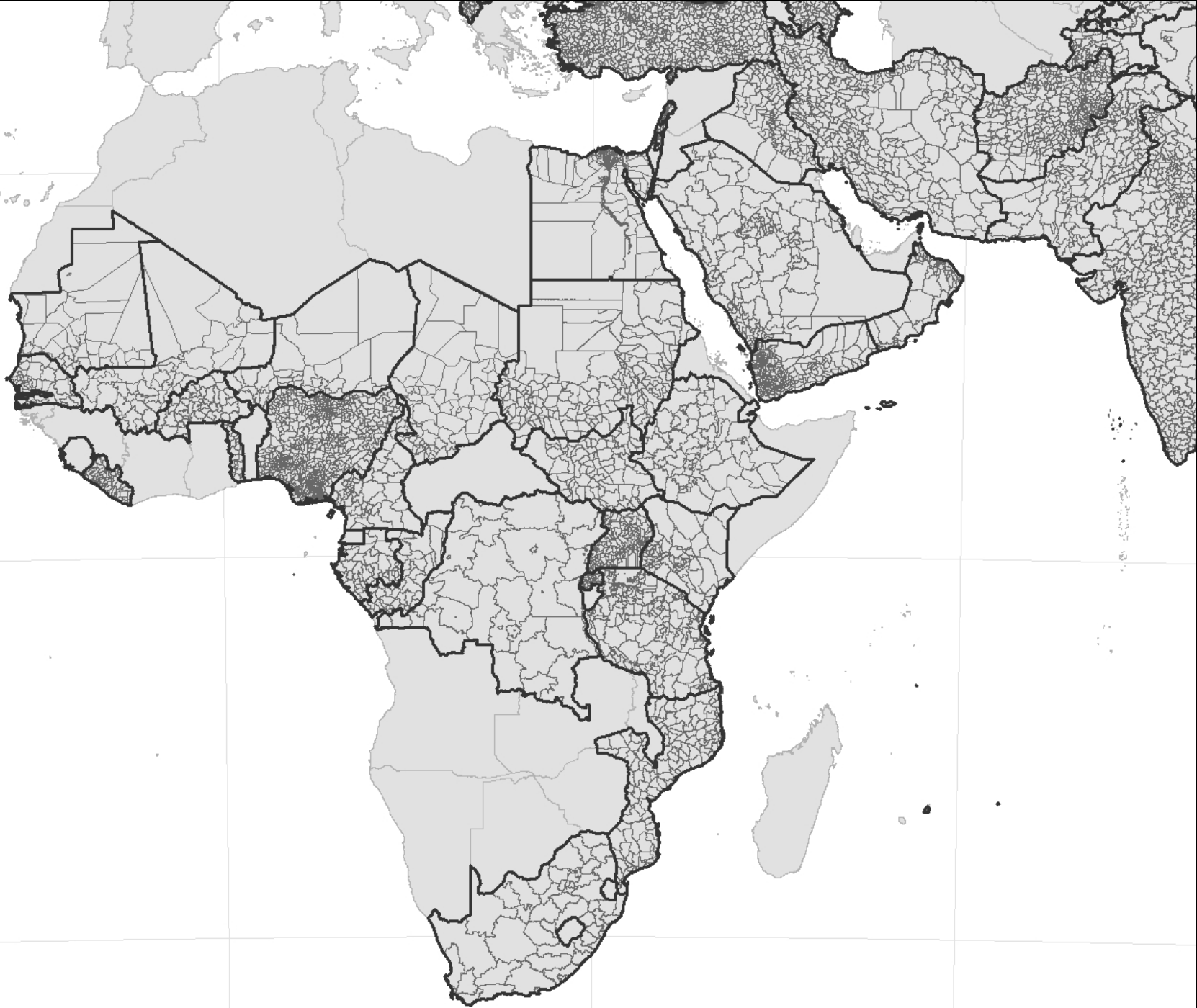


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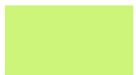




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Process

NEW YORK (A.)	NEW YORK (N.)
ab.r.h.bi	ab.r.h.bi
Kubek, ss 3 0 0 0	Klaus, 3b 5 1 2 0
Richardson, 2b 2 0 0 0	Hunt, 2b 5 0 0 0
Linz, 2b 1 1 1 0	Altman, rf 4 0 2 1
Tresh, lf 4 1 1 1	Christopher, rf 4 1 0 0
Mantle, cf 0 0 0 0	Kranepool, lb 4 1 2 0
Pepitone, pr, cf 3 2 1 2	Hickman, cf 2 1 0 1
Maris, rf 3 1 1 1	Gonder, c 4 0 1 1
Moore, rf 0 1 0 0	McMillan, ss 4 0 1 1
Howard, c 2 0 0 0	Stallard, p 0 0 0 0
Gonzalez, lb 2 0 1 1	Fisher, p 2 0 1 0
Blanchard, lb, c 4 0 1 1	Graham, ph 1 0 0 0
Boyer, 3b 2 0 0 0	Smith, ph 1 0 0 0
Lopez, 3b 2 0 1 0	
Brenneman, p 2 0 0 0	Totals 36 4 9 4
Berra, ph 1 0 0 0	
Mikkelsen, p 1 0 0 0	

32 6 7 6

IP.	H.	R.	ER.	BB.	SO.
Brenneman	6	6	3	3	5
Renf	2	1	1	0	1
Mikkelsen (W)	1 2/3	1	0	0	0
Stallard	2	1	1	1	0
Fischer	3	1	0	0	0
Locke	1 1/3	3	2	2	1
Wakefield	3 2/3	0	0	0	0
Hunter (L)	2	2	2	0	1

WP—Brenneman. T—2:20. A—55,396.

NEW YORK (A.)	NEW YORK (N.)
ab.r.h.bi	ab.r.h.bi
Tresh, 3b 2 0 0 0	Hunt, 2b 2 0 0 0
Barker, 3b 3 1 1 1	Stephenson, c 1 0 0 0
Richardson, 2b 2 0 0 0	Taylor, c 1 0 0 0
Clarke, 2b 2 1 1 0	Luplow, rf 4 0 1 0
Mantle, cf 1 0 0 0	Boyer, 3b 2 1 0 0
Pepitone, cf 3 1 1 2	McMillan, ss 2 0 0 0
Howard, c 2 1 1 0	Jones, cf 4 0 1 0
Gibbs, c 2 0 2 0	Lewis, lf 3 0 0 0
Clinton, rf 4 0 2 0	Selma, p 0 0 0 0
Maris, rf 0 0 0 1	Swoboda, ph 1 0 0 0
White, lf 2 0 0 0	Kranepool, lb 4 1 2 1
Bryan, lb 4 1 1 1	Bressoud, ss 4 0 1 1
Schoefield, ss 4 0 0 0	Grote, c 2 0 1 0
Womack, p 2 0 0 0	Bearnarth, p 0 0 0 0
Ford, p 2 0 0 0	Murphy, lf 1 0 0 0
Ramos, p 0 0 0 0	Arrigo, p 1 0 0 0
	Hiller, 2b 2 0 0 0

Totals 35 5 9 5

Totals 34 2 6 2

New York (A.) 0 1 0 0 1 0 1 2 0 5

New York (N.) 0 1 0 1 0 0 0 0 2

E—Schoefield, Barker. LOB—New York (A.) 5, New York (N.) 5.

2B—Clinton, Bressoud, Jones. HR—Barker, Bryan, Pepitone. SF—Maris.

IP.	H.	R.	ER.	BB.	SO.
Womack	5	5	2	1	0
Ford (W.)	3	0	0	0	2
Ramos	1	1	0	0	1
Arrigo	4	3	1	1	1
Bearnarth (L.)	3	3	2	2	0
Selma	2	3	2	2	0

WP—Womack. T—2:17. A—56,367.

YANKEES	METS
ab.r.h.bi	ab.r.h.bi
Howser, 2b 4 0 1 1	Agee, cf 2 2 1 0
White, lf 1 0 0 1	Bosch, lf 4 0 1 2
Whitaker, lf 0 0 0 0	Swoboda, rf 2 1 1 2
Mantle, lb 2 0 1 0	Jones, rf 1 0 0 0
Rob'n, pr, cf 2 0 0 0	Grote, c 4 0 1 0
Pep'e, cf, lb 3 0 2 0	Goossen, lb 3 0 0 0
Kosco, rf 4 0 0 0	Buchek, 3b 3 0 0 0
Fernandez, c 3 1 0 0	Linz, 2b 3 0 0 0
Smith, 3b 4 1 0 0	Weiss, ss 3 1 1 0
Michael, ss 4 1 2 1	Frisella, p 1 0 0 0
Barber, p 1 0 0 0	Charles, ph 1 0 0 0
Ford, p 0 0 0 0	Short, p 1 0 0 0
Gibbs, ph 1 0 0 0	
Boulton, p 0 0 0 0	Total 28 4 5 4
Womack, p 0 0 0 0	
Cox, ph 1 0 0 0	
Total 30 3 6 3	
Yankees 0 0 0 0 0 3 0 0 0 0 3	
Mets 2 0 0 0 0 0 0 2 x 4	
E—Pepitone, Linz. DP—Mets 1. LOB—Yanks 7, Mets 3. 3B—Bosch. HR—Swoboda. SF—White.	

The New York Times
 Published: May 28, 1968
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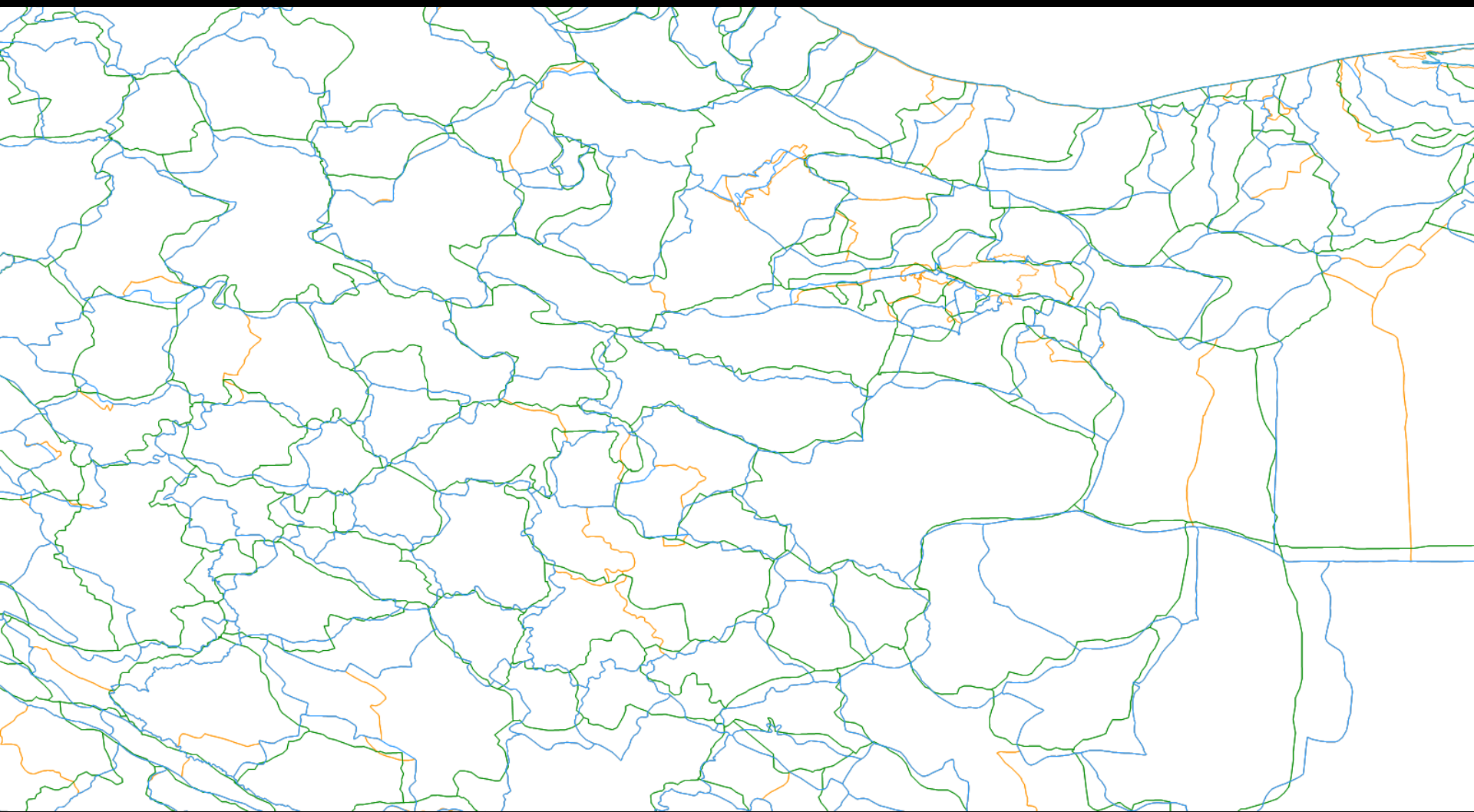
American Football Conference

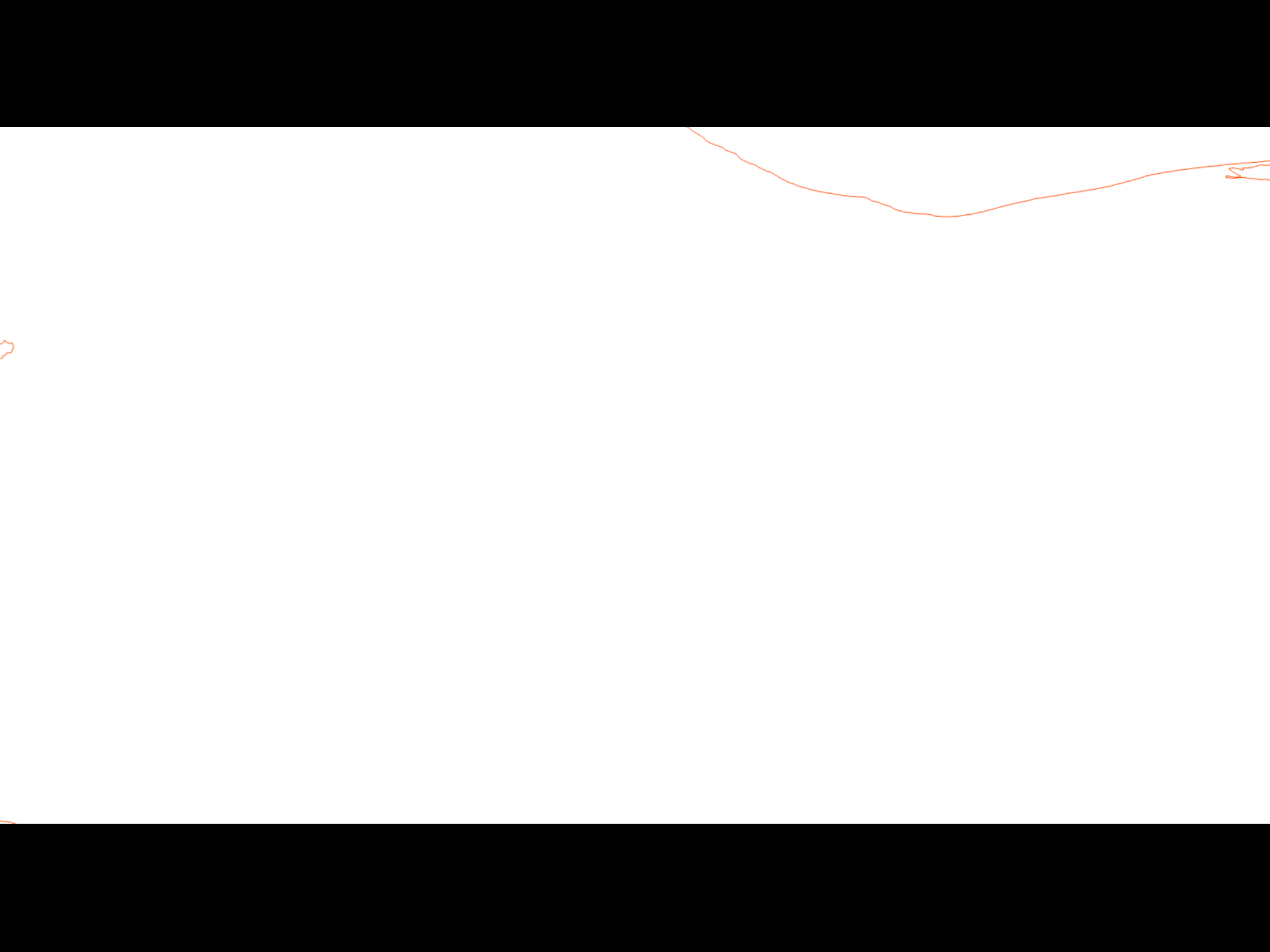
East Division												
	W	L	T	Pct	GB	PF	PA	Home	Road	vs. Conf	vs. Div	Streak
New England Patriots	5	1	0	.833	0.0	149	91	3-1-0	2-0-0	4-1-0	1-1-0	2 W
Buffalo Bills	4	2	0	.667	1.0	162	103	2-1-0	2-1-0	1-2-0	1-1-0	4 W
Miami Dolphins	2	4	0	.333	3.0	118	134	2-1-0	0-3-0	2-3-0	0-1-0	1 W
New York Jets	1	5	0	.167	4.0	95	164	0-2-0	1-3-0	1-3-0	1-0-0	4 L

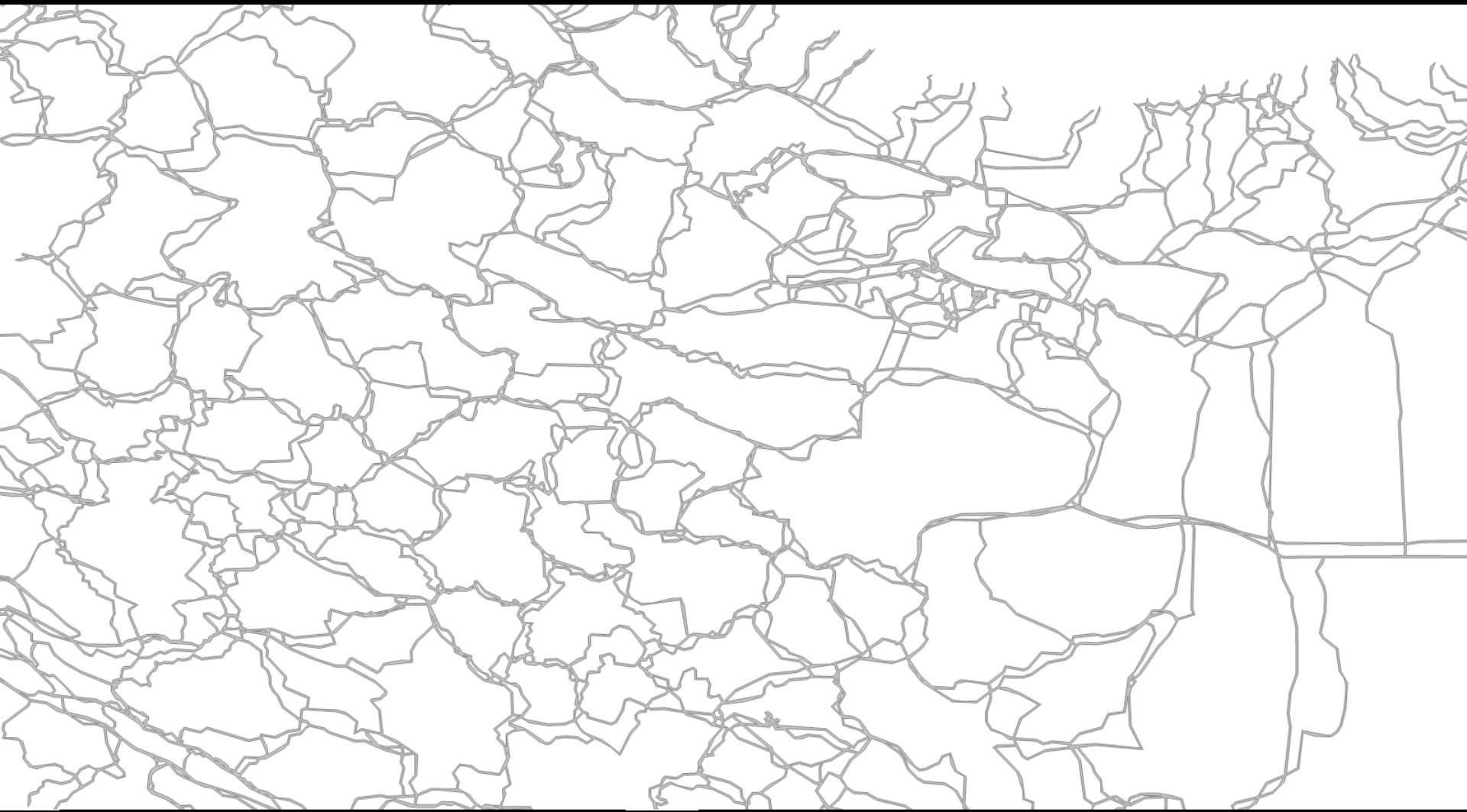
West Division												
	W	L	T	Pct	GB	PF	PA	Home	Road	vs. Conf	vs. Div	Streak
Oakland Raiders	4	2	0	.667	0.0	152	163	1-2-0	3-0-0	3-1-0	1-1-0	1 L
Denver Broncos	4	2	0	.667	0.0	140	108	2-1-0	2-1-0	2-1-0	0-1-0	2 L
Kansas City Chiefs	3	2	0	.600	0.5	109	102	2-0-0	1-2-0	3-2-0	2-0-0	1 W
San Diego Chargers	2	4	0	.333	2.0	173	155	2-1-0	0-3-0	2-3-0	1-2-0	1 W

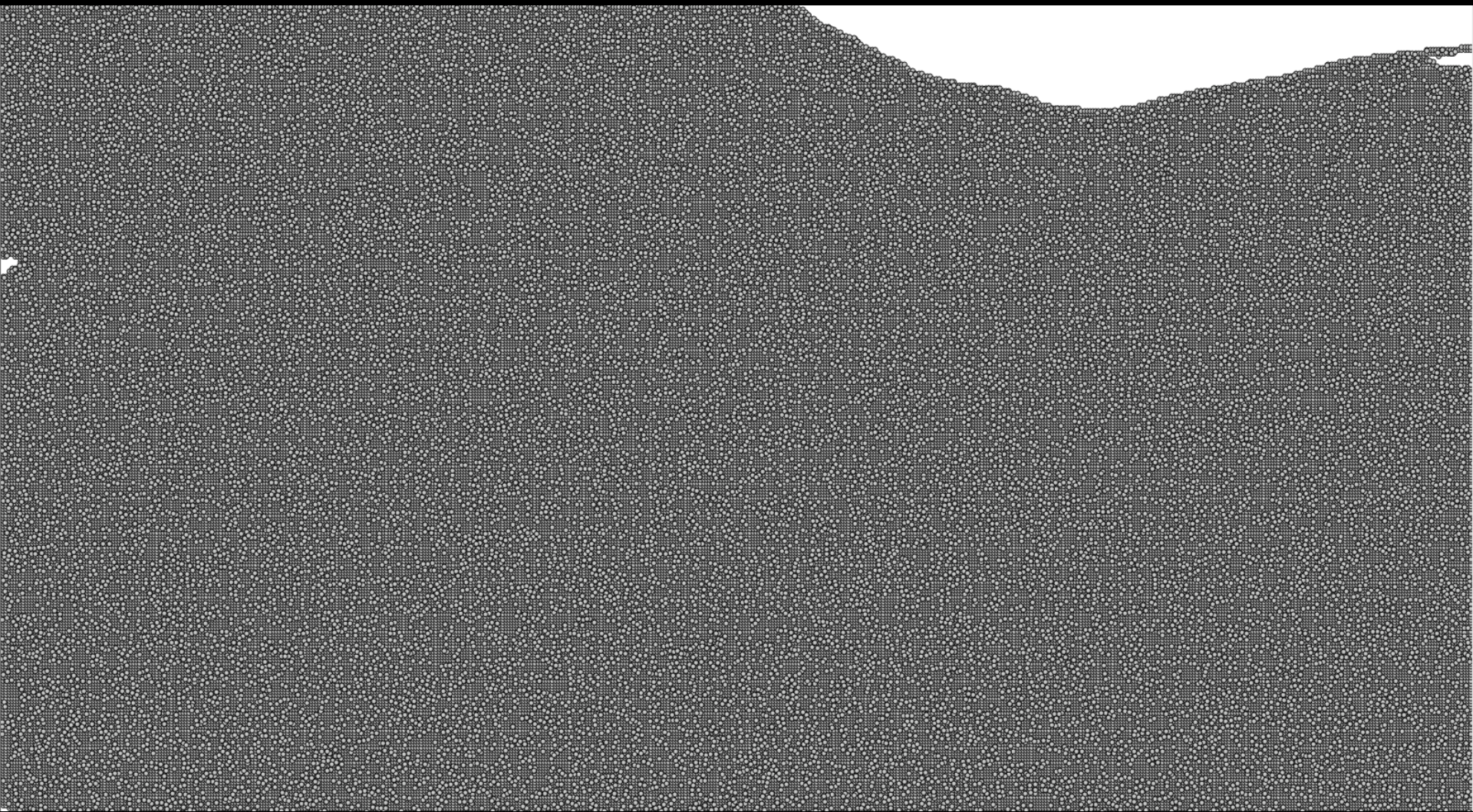
North Division												
	W	L	T	Pct	GB	PF	PA	Home	Road	vs. Conf	vs. Div	Streak
Pittsburgh Steelers	4	2	0	.667	0.0	154	123	3-0-0	1-2-0	3-1-0	1-0-0	1 L
Baltimore Ravens	3	3	0	.500	1.0	117	115	1-2-0	2-1-0	3-1-0	1-0-0	3 L
Cincinnati Bengals	2	4	0	.333	2.0	109	145	1-1-0	1-3-0	2-3-0	0-1-0	2 L
Cleveland Browns	0	6	0	.000	4.0	113	176	0-2-0	0-4-0	0-4-0	0-1-0	6 L

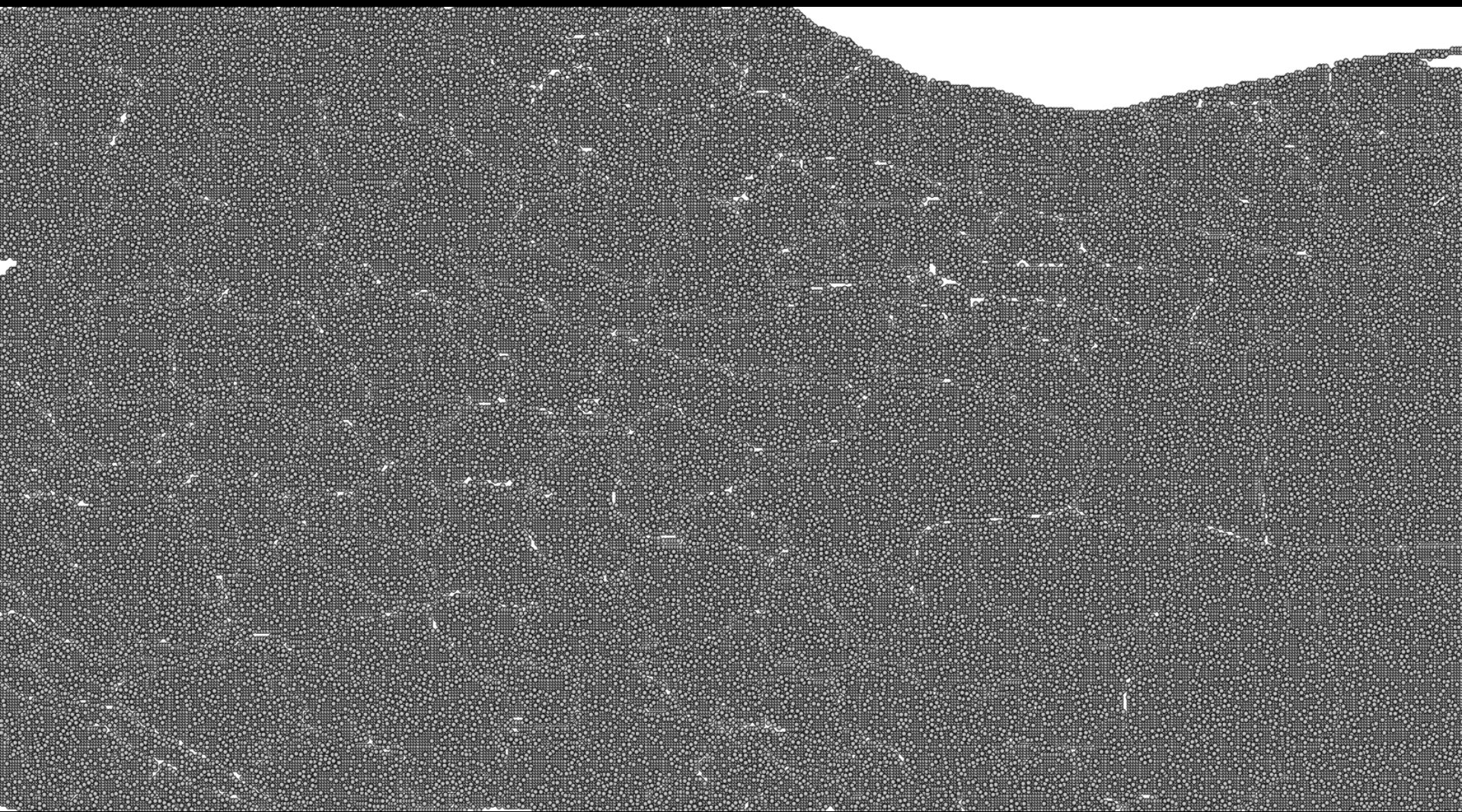
South Division												
	W	L	T	Pct	GB	PF	PA	Home	Road	vs. Conf	vs. Div	Streak
Houston Texans	4	2	0	.667	0.0	108	127	4-0-0	0-2-0	3-1-0	2-0-0	1 W
Tennessee Titans	3	3	0	.500	1.0	120	127	1-2-0	2-1-0	2-2-0	0-1-0	2 W

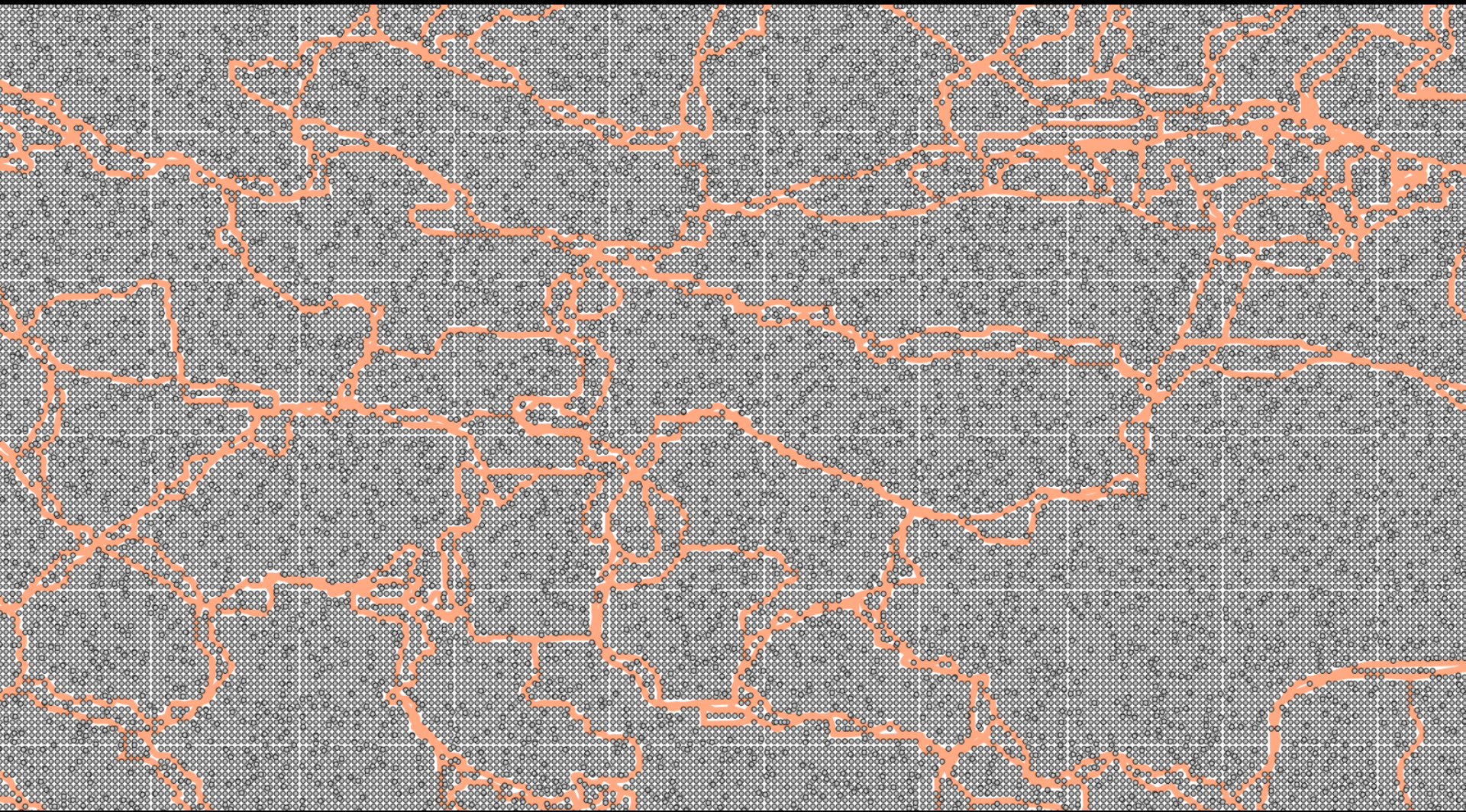


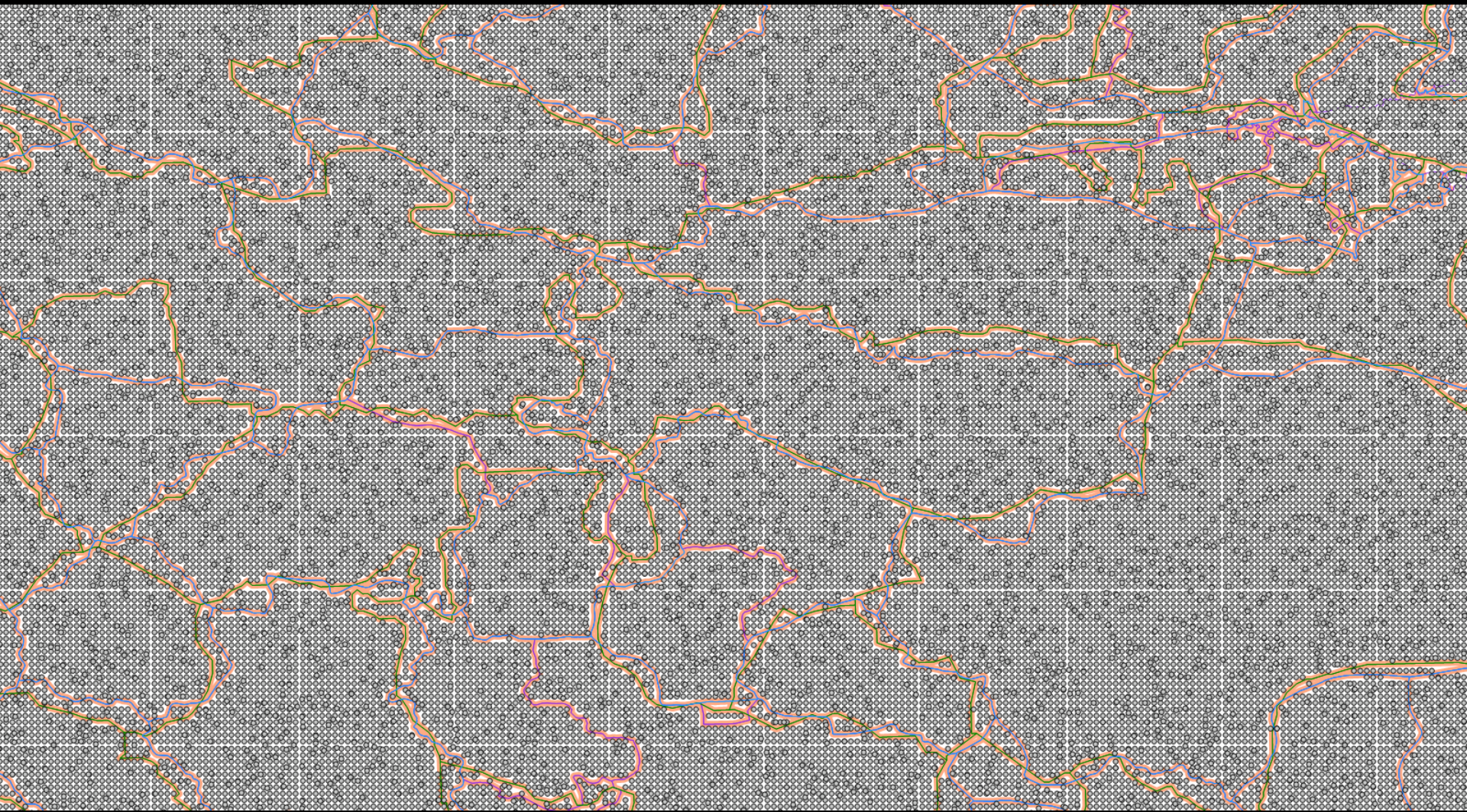


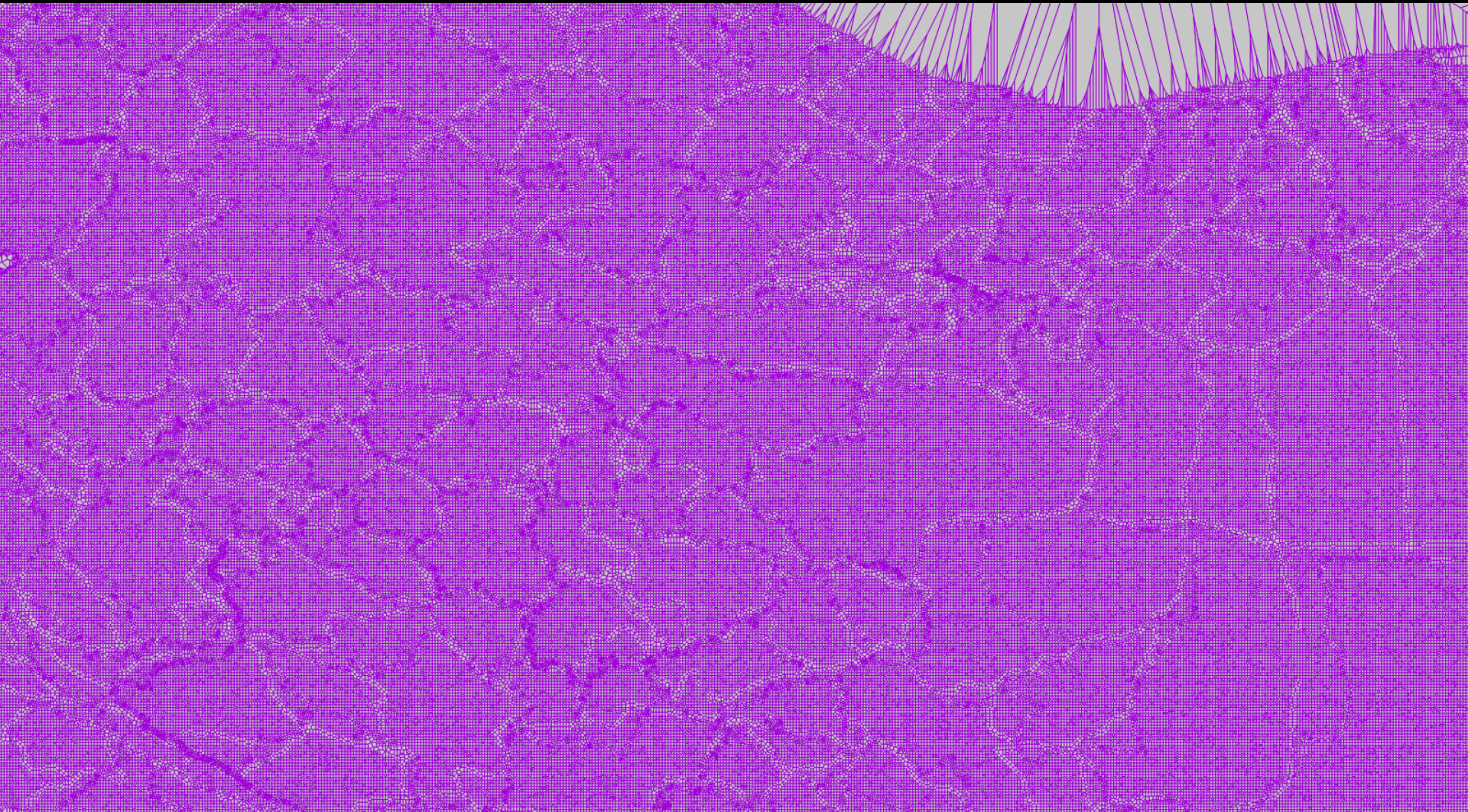


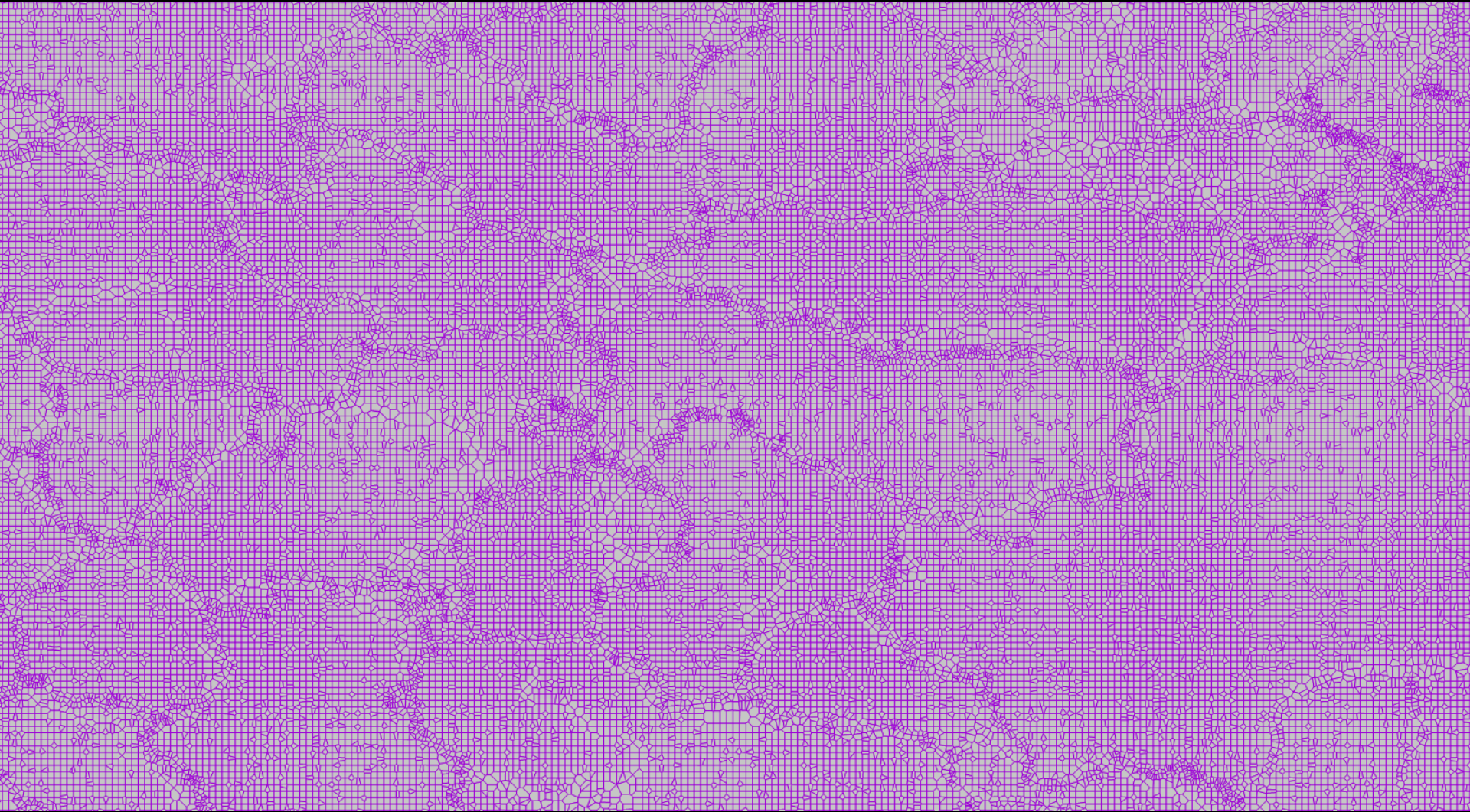


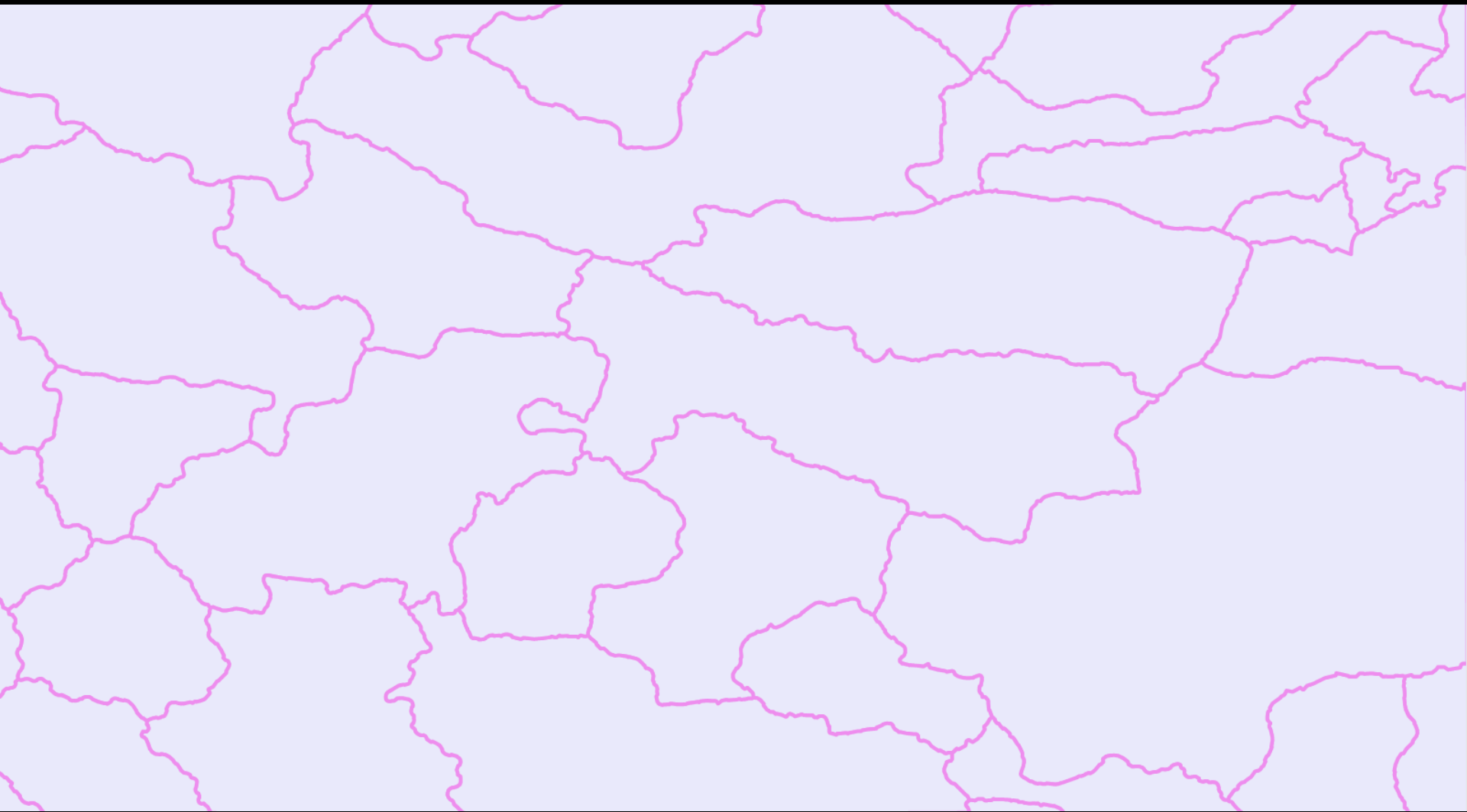


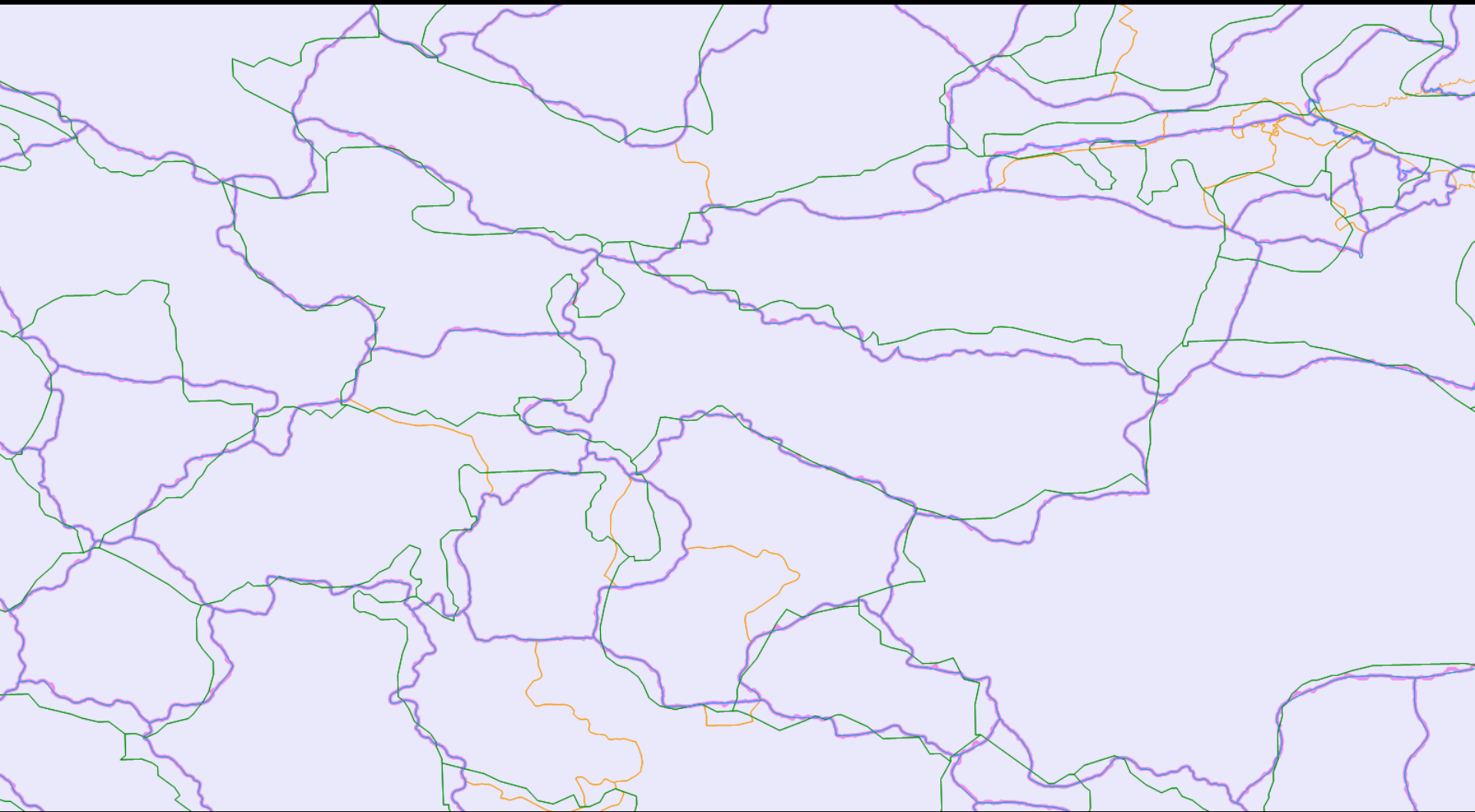


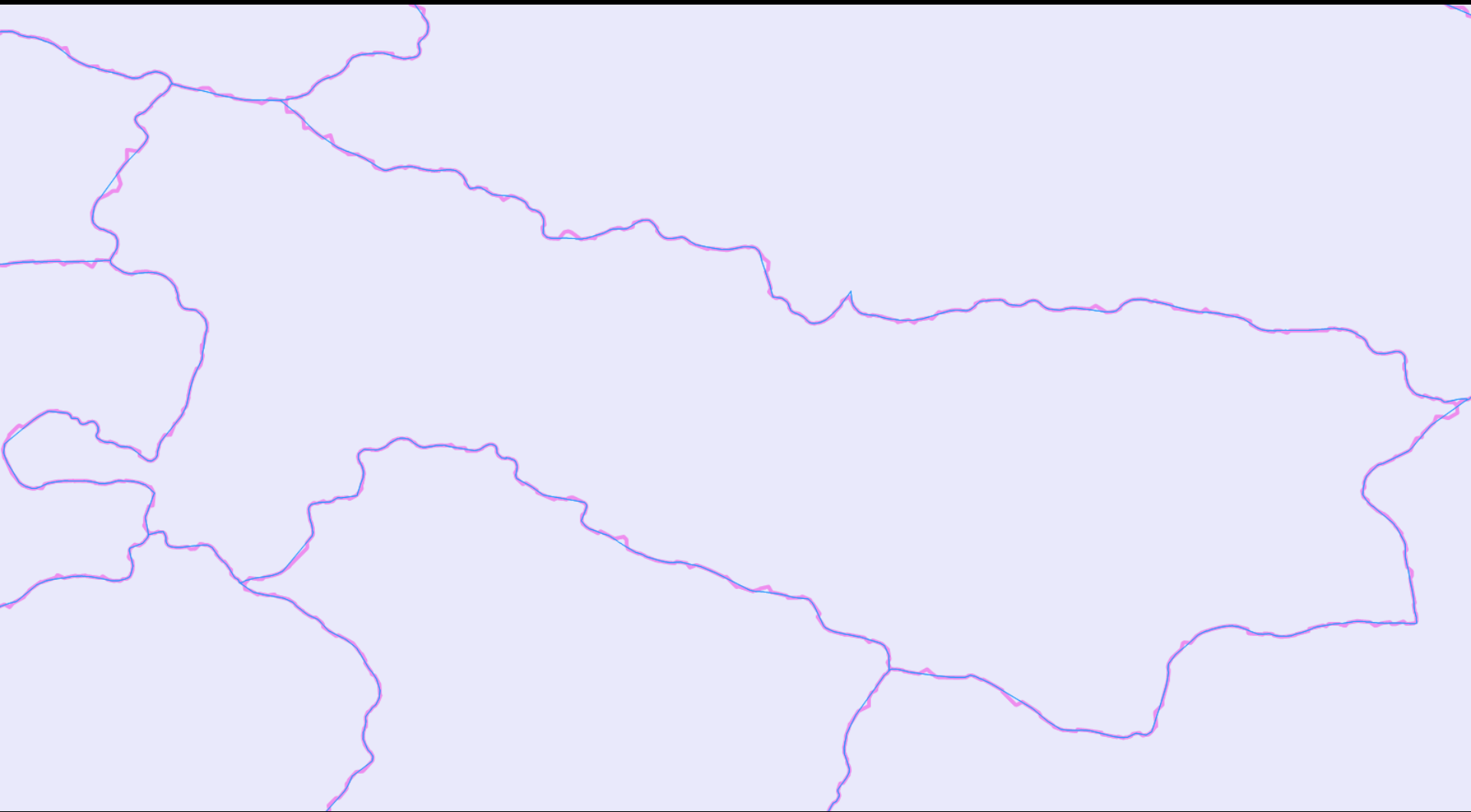


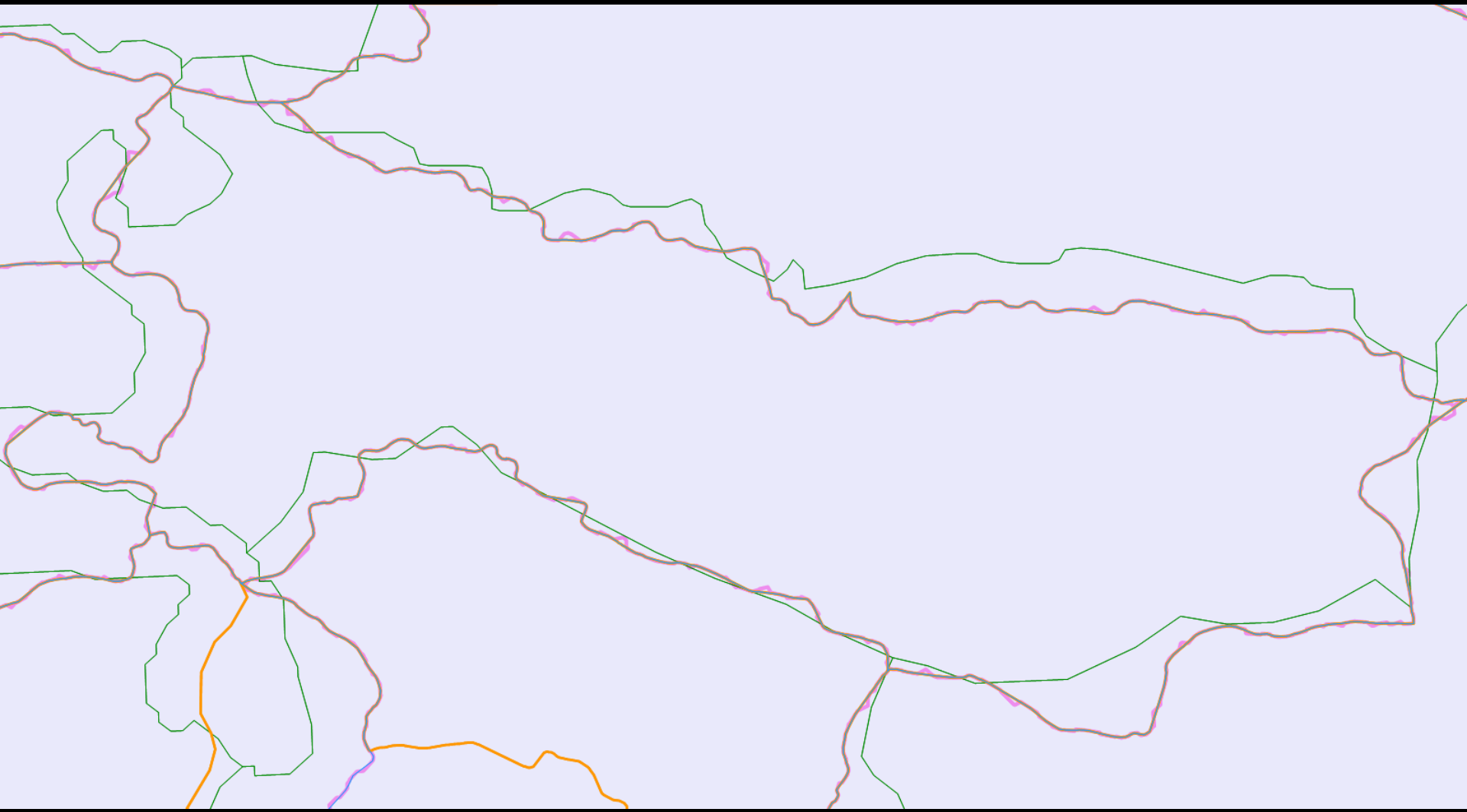


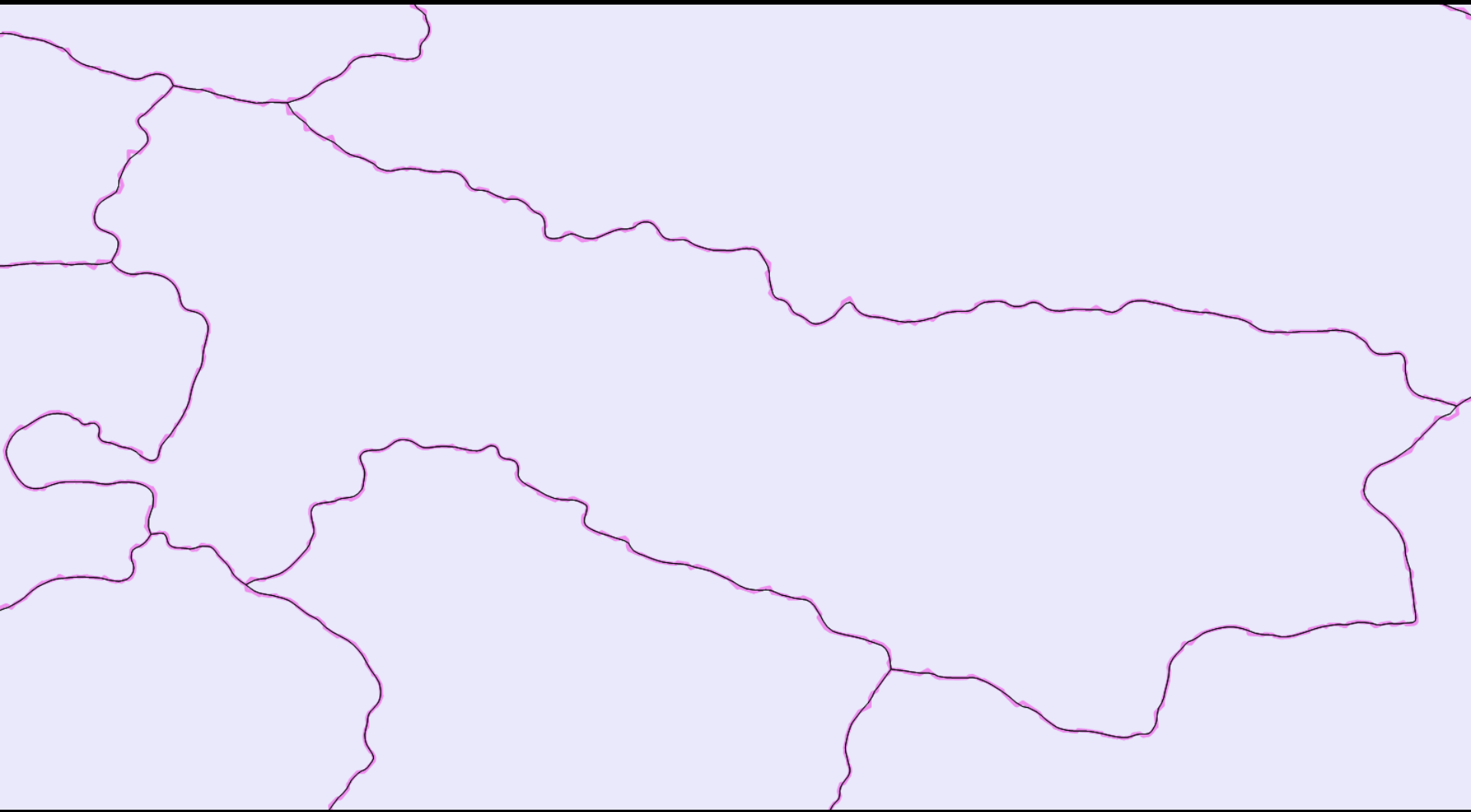


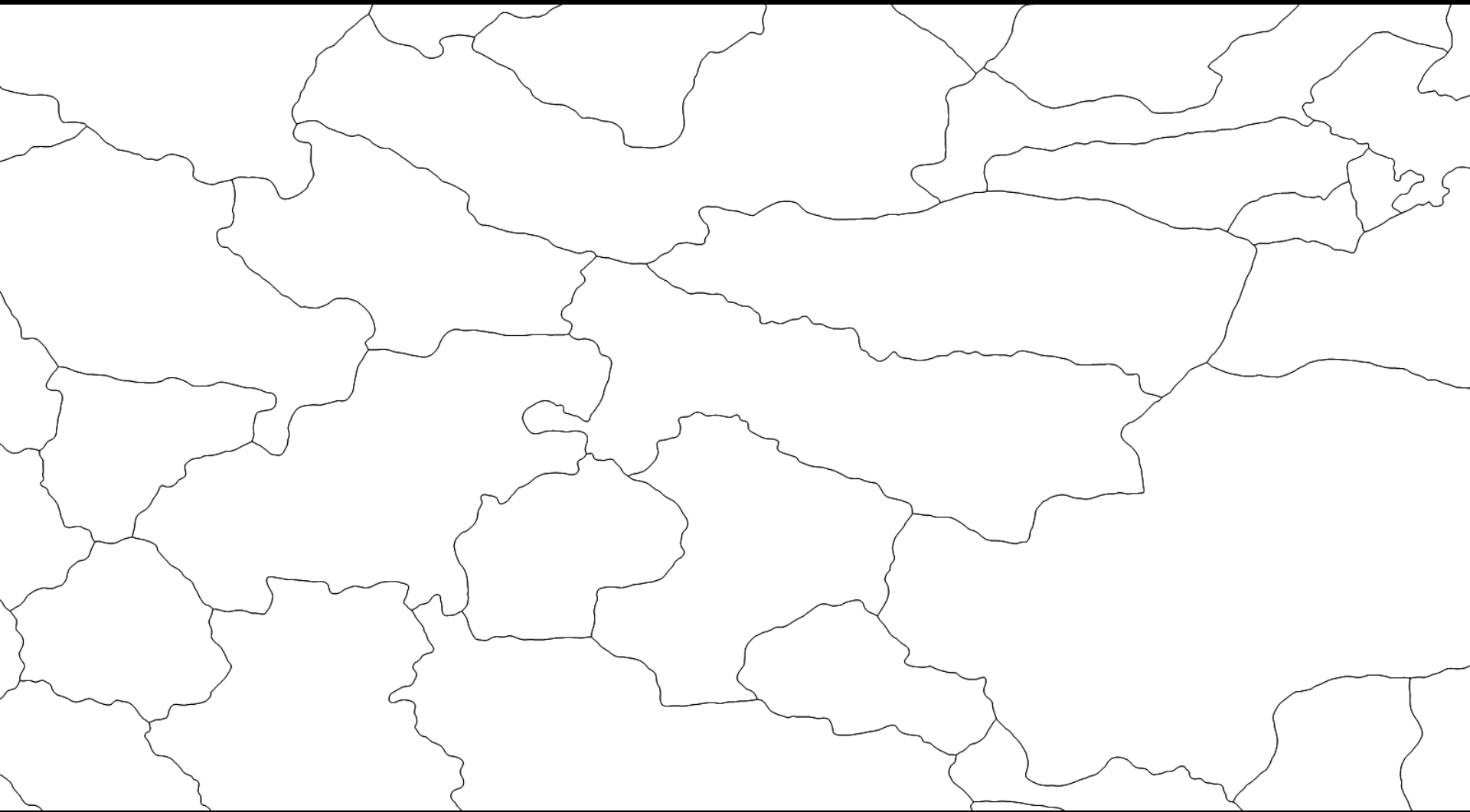


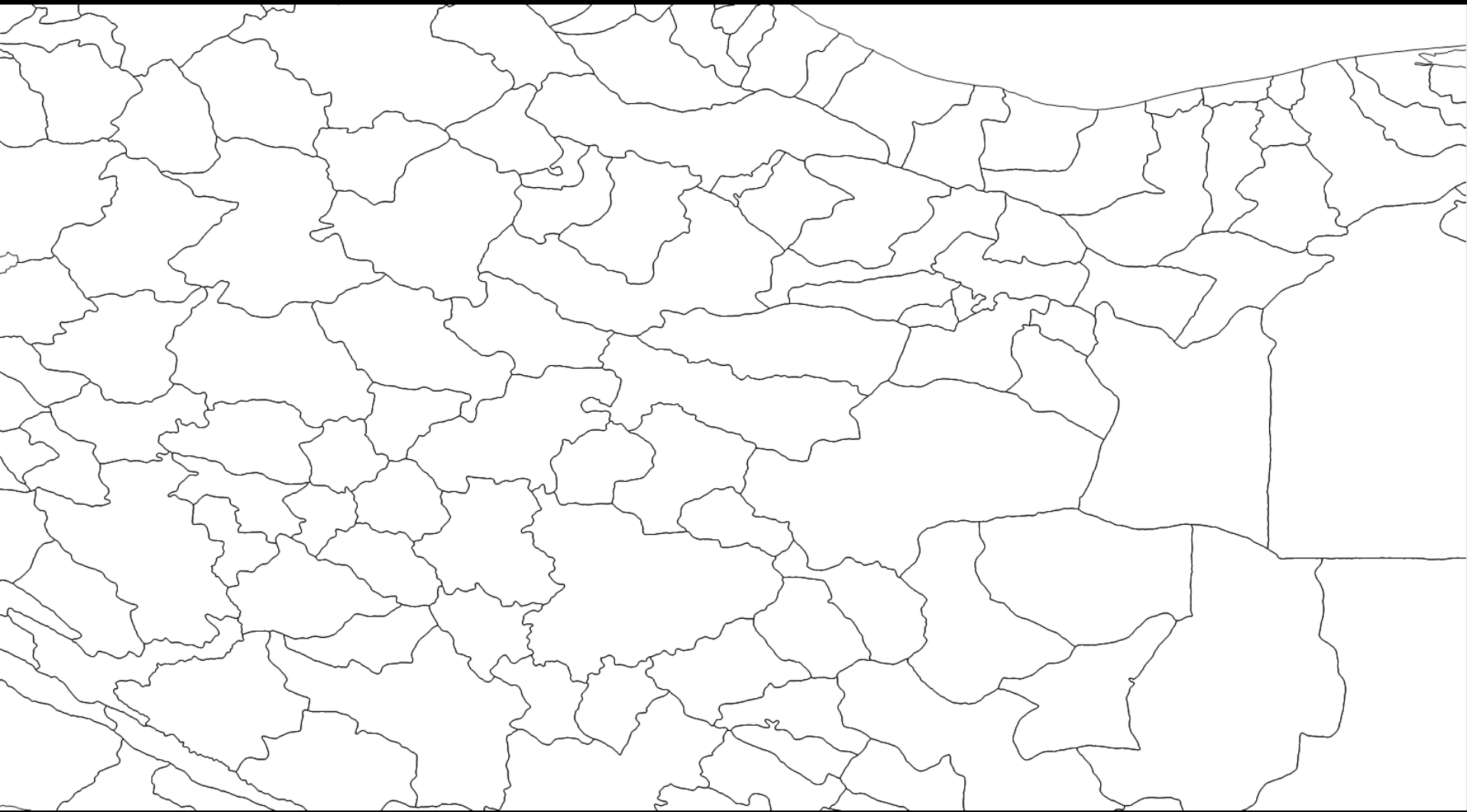












“If we take the time to closely examine open data efforts, it’s hard to avoid a disheartening conclusion: **most open data isn’t.**”

Jer Thorp

Open for Who? Medium .com Oct. 5, 2016

<https://medium.com/memo-random/open-for-who-ce698a8de79c#.q14rrlo83>

Thanks

Additional contributors:

Stephen Epps

Justin Meyers

<https://github.com/whosonfirst-data/whosonfirst-data>

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