

Aftershock regions of Aleutian–Alaska megathrust earthquakes: digital files

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Attribution: If you use these digital files, please cite *Tape and Lomax* (2022b). This collection can be referenced as *Tape and Lomax* (2022a).

Overview

The digital text files of aftershock regions were published in the Supporting Information for the manuscript of *Tape and Lomax* (2022b). In this Zenodo collection, we provide them as GIS shape files; an example plot is shown in Figure Z1. Related materials in support of *Tape and Lomax* (2022b) can be found in two other Zenodo collections: *Lomax* (2022) and *Tape* (2022).

Description of files

- `TL2022_aftershock_regions.pdf` (this file)
- `tapelomax2022_delimited.txt`.
Single text file of all aftershock regions delimited by > followed by the year for each event.
- `aftershock_regions.zip`.
Zipped set of text files of each aftershock region. The command in `catal1` shows how the files were concatenated to make `tapelomax2022.txt` and `tapelomax2022_main.txt`
- `ArcpyOutput.zip`
Zipped set of GIS files. See folder `Merged Shapefiles` for a single file of all aftershock region polygons.
- `Creating_Polygon_Boundaries_Workflow.pdf`
Explanation for the creation of `ArcpyOutput.zip`
- `aftershock_shp.py`
Python script by Owen Larson to convert from text files to shape files.

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References

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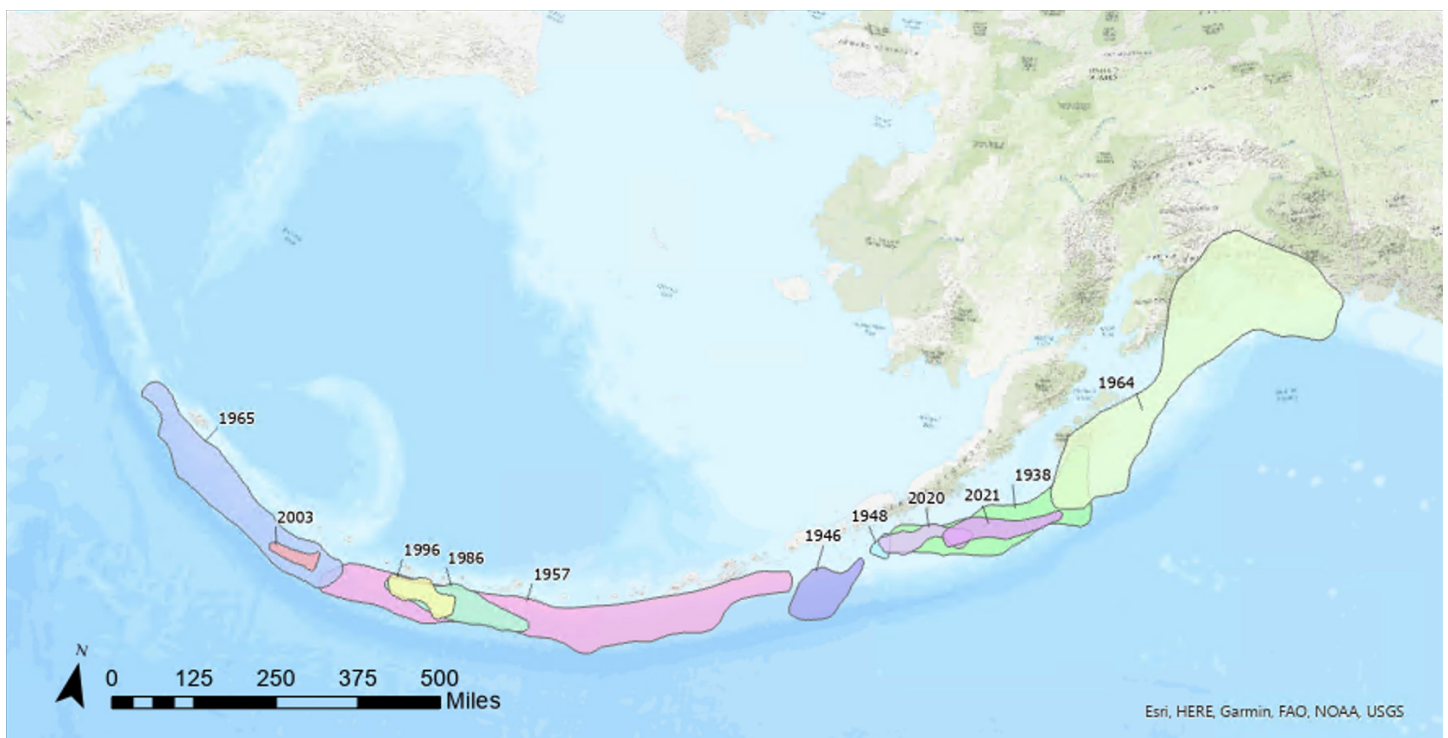


Figure Z1: Example plot using the shape files in this Zenodo collection (credit: Owen Larson, UAF/GINA). 11 aftershock regions are displayed. See *Tape and Lomax (2022b)* for details.