Chronoscope

See your data across space and time.

Linked maps, tracks, charts and tables.
One desktop exploration workspace.



2D MAP | GLOBE | SPACE-TIME

Explore the showcase →

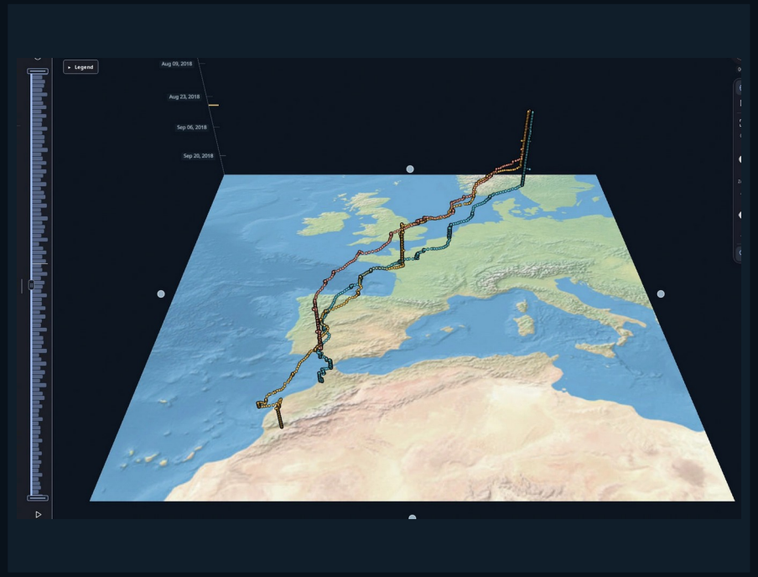
Change the view. Keep the question.

Move between a 2D map, globe and space-time view without losing the question.



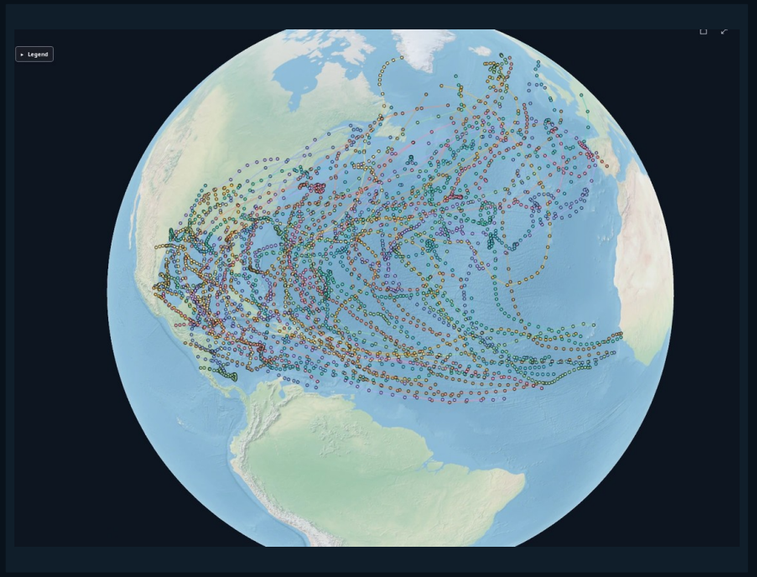
Place

Follow recorded GPS fixes on a 2D map.



Time

Raise observations by UTC time, not physical altitude.

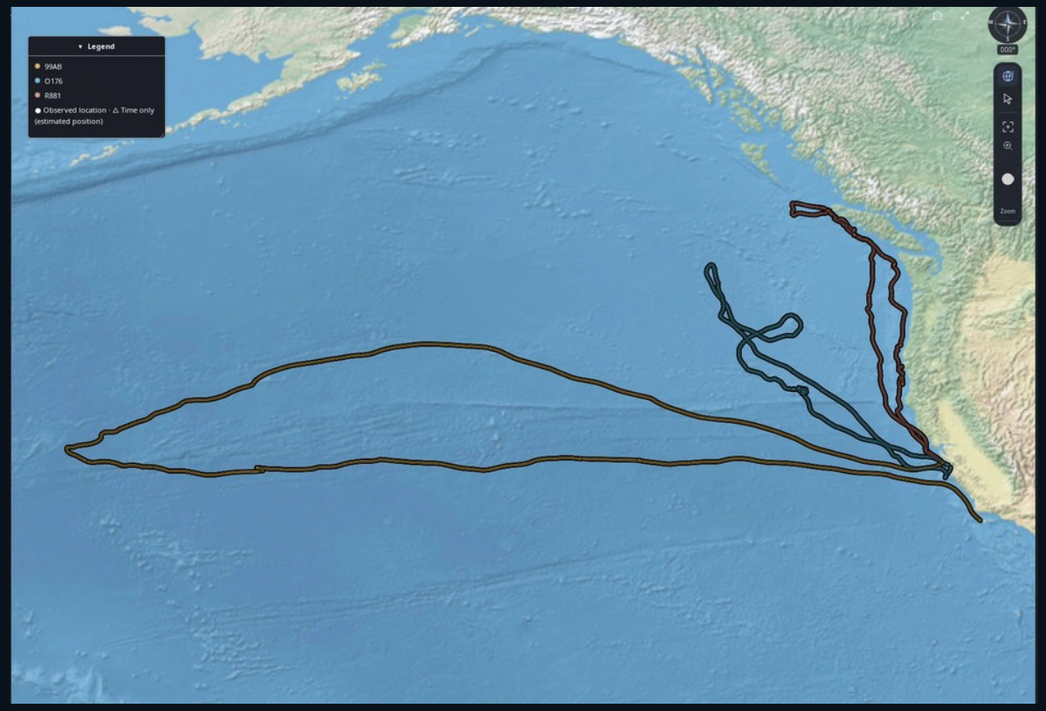


Perspective

Explore storm tracks on the globe.

From ocean journeys to global events.

Open a bundled demo, filter a time window and explore the matching observations.



Follow movement

Modeled dive-start positions for elephant seals.

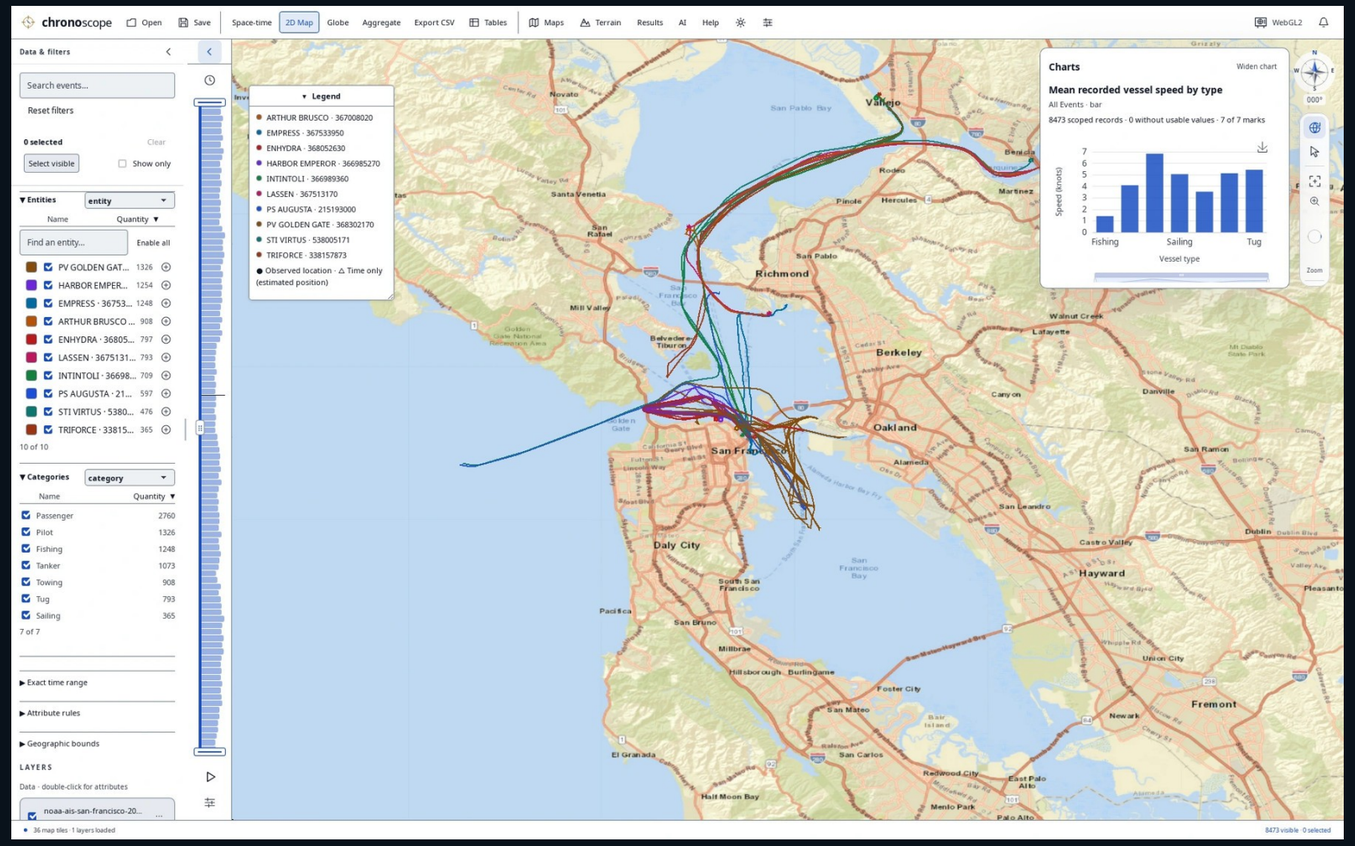


Explore patterns at planetary scale

USGS surface epicenters on a globe.

A chart beside the map. The records within reach.

Compare recorded measurements while keeping geography and source rows in view.



COMPARE

See the difference

Compare vessel types and recorded speeds.

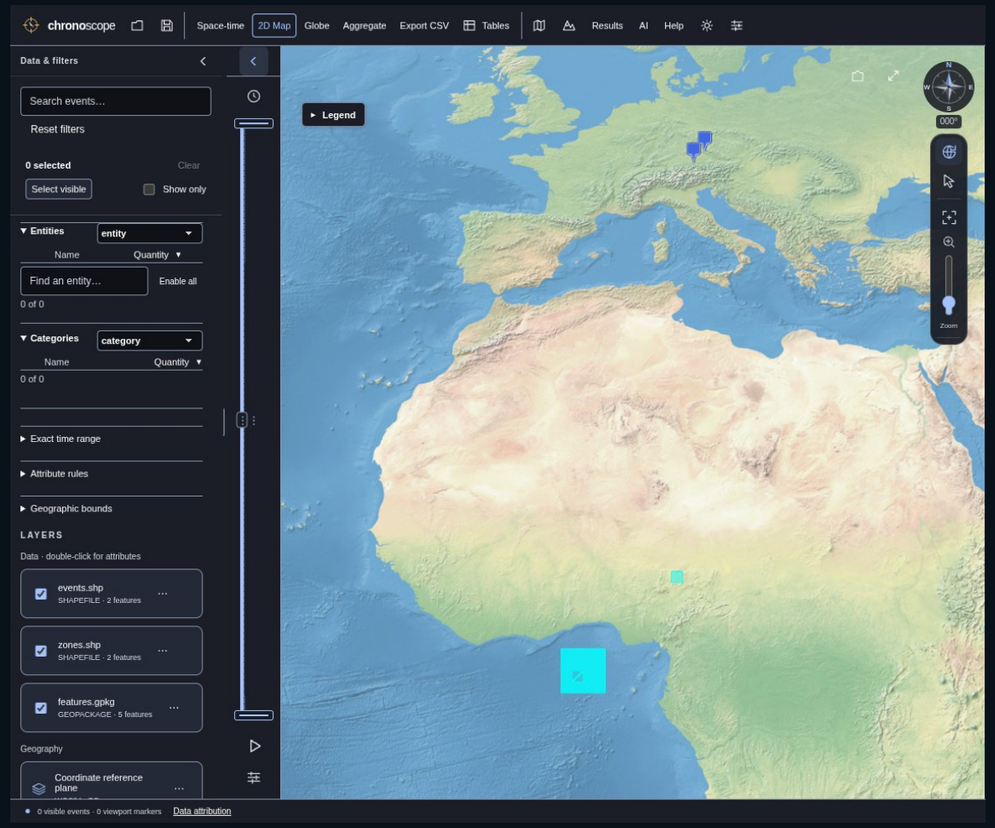
INSPECT

Stay connected

Use linked selection to move between views and matching Events.

Bring your own geography.

Use reference layers alongside timestamped Events—or import feature data as Events.



REFERENCE LAYERS

Boundaries, routes and context

Inspect attributes beside the map.

TIMESTAMPED EVENTS

Map time and entity fields

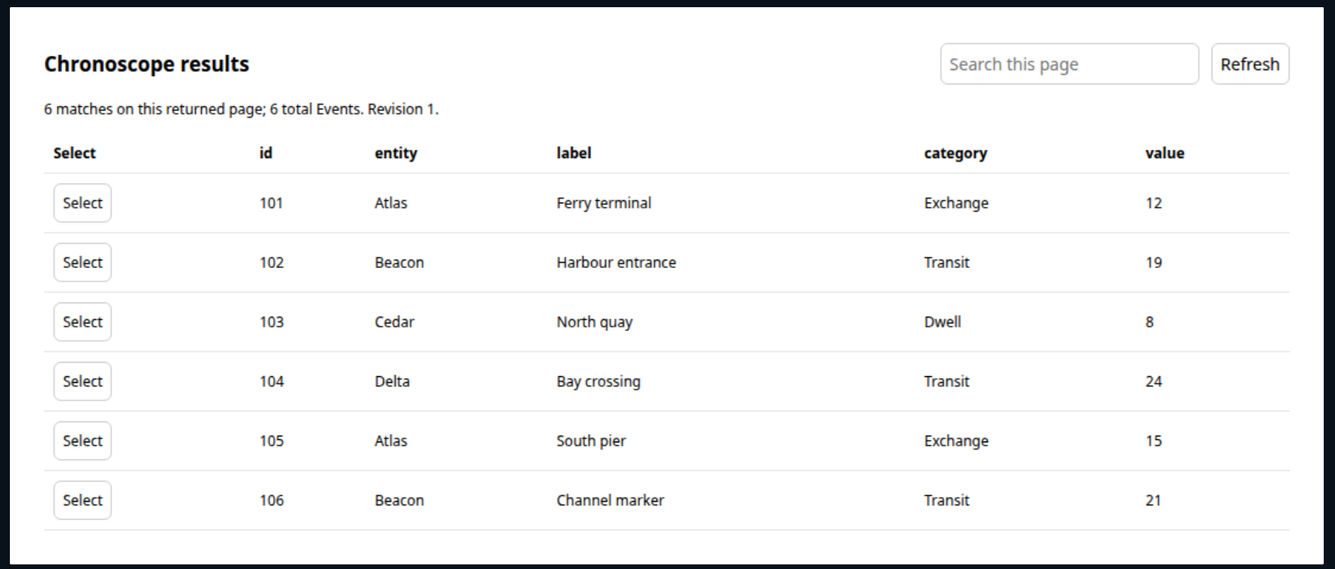
Import feature data into linked exploration.

GeoJSON · Shapefile · GeoPackage · KML/KMZ · GPX

WGS84 / EPSG:4326 vector support depends on format.

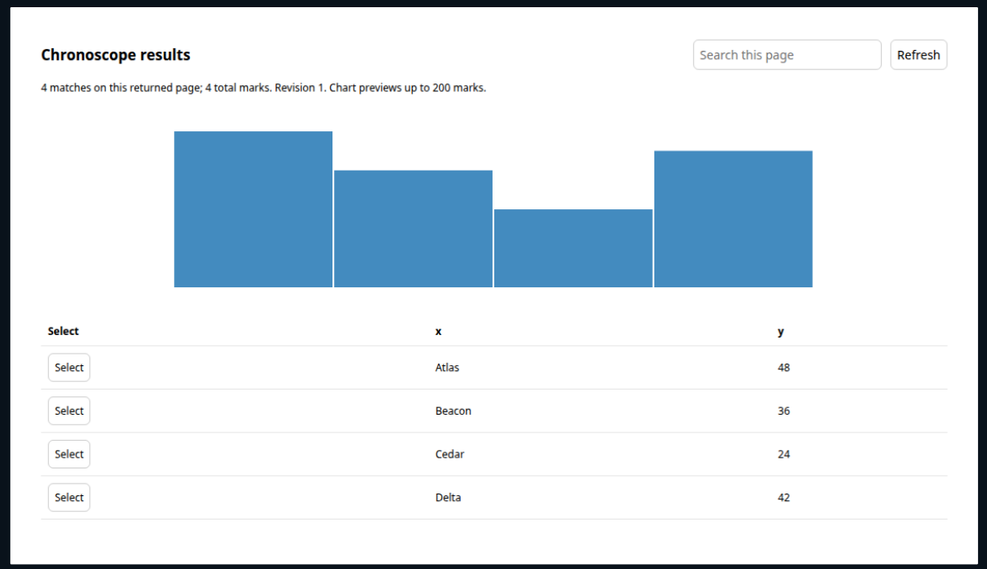
Make AI results explorable.

In compatible external MCP clients, query results can stay linked to Chronoscope.



Search. Sort. Select.

Find a row, then highlight the matching Events.

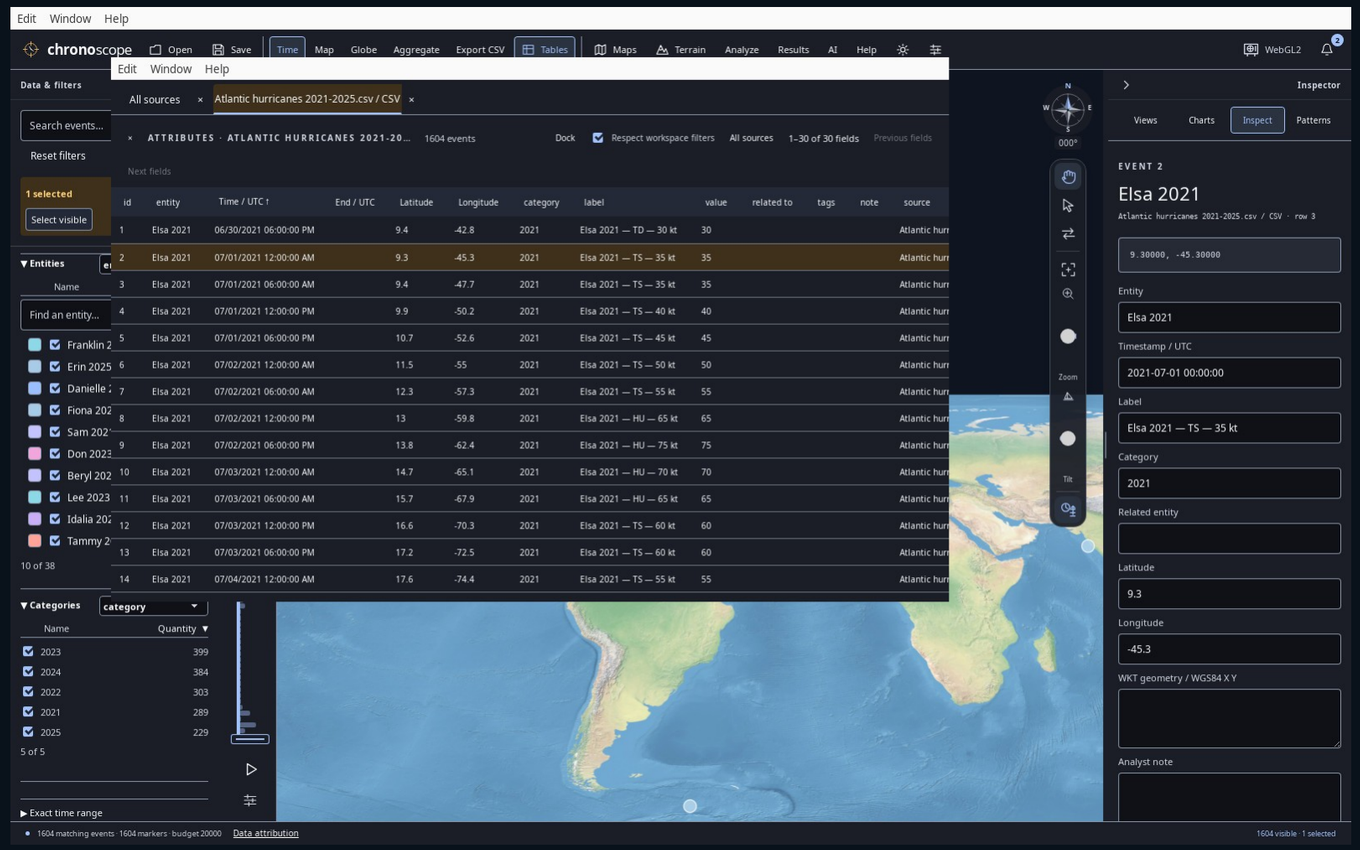


Select a chart mark.

Explore values and highlight the related Events.

Dock it. Detach it. Keep exploring.

Move the Event and GIS-attribute table group into a separate, resizable window.



YOUR LAYOUT

Room to compare

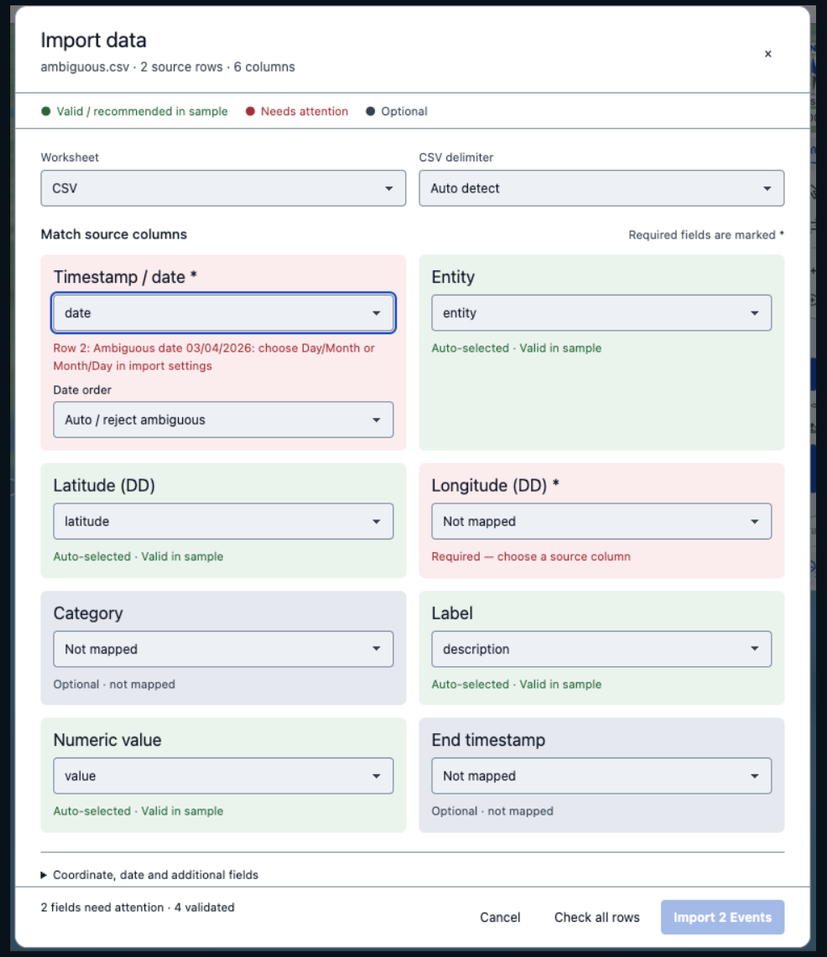
Resize the table group, then dock it back.

YOUR CONTEXT

The details travel

Keep tab-specific search, sorting, scrolling and linked selection.

Get the mappings right. Then bring the data in.



01 / MAP

Match the right columns

Map timestamps, entities and coordinates with color-coded feedback.

02 / CHECK

Review the whole file

Check all rows for valid Events, rejected rows, missing locations and possible duplicates.

03 / CHOOSE

Resolve or move forward

Export rejected rows as CSV, adjust mappings or import valid Events.

From a file to a working perspective.

Import CSV, TSV, Excel or GIS data. Explore it, then save a portable .chronoscope workspace.

01

Bring data

Files + reference layers

02

Explore together

Maps + charts + records

03

Save the workspace

.chronoscope

Save geographic layers and linked local files with the workspace.

Return to your questions with the same connected views.



BRING YOUR OWN QUESTIONS

Start with a demo.
Make it your workspace.

Explore the showcase, read the guide or discover the source.

Explore the showcase →

chronoscope-app.pages.dev

View the source →

github.com/chronoscope-app/chronoscope-public

SOURCES & CREDITS

Built around real datasets.

DATA

White storks — Fiedler, Flack, Schäfle et al. (2019), LifeTrack / Movebank / moveVis. CC0.
Elephant seals — Costa, Holser, Keates et al., Dryad (2025). CC0.
Atlantic storms — NOAA National Hurricane Center best-track data.
Earthquakes — USGS catalog, January 2025. Public domain (U.S.).
Vessels — NOAA / USCG / BOEM / MarineCadastre AIS 2024. For coastal and ocean planning; not for navigation.

MAPS

Natural Earth II shaded relief and water — public domain.
Esri World Street Map — Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors and the GIS User Community.

Application code: MIT. Data and dependencies retain their respective terms.

Dataset references →

Third-party notices →