

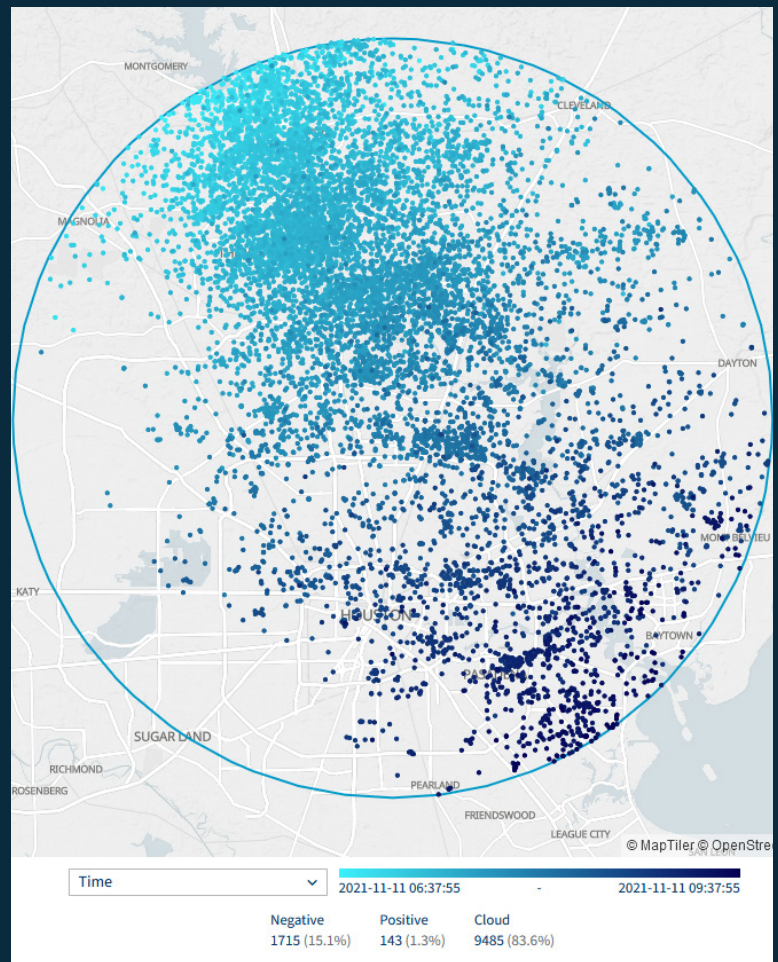
Vaisala Lightning Exporter for Solar Energy

VAISALA

Product Spotlight

High-quality, accurate historical lightning data at your fingertips

Lightning Exporter, part of our Xweather family of subscription based products, puts Vaisala's world-class lightning data at your fingertips through a modern web interface. Without any capital equipment expense, it provides easy access to our ever-expanding data repository, improving investigations and report credibility for management, legal teams, and external audiences.



Key benefits

Dependable data with easy access to all the lightning events that occurred within your specified area and time period, with identified lightning characteristics that are accurate and reliable.

Simple web-based interface that lets you easily gather comprehensive real-time and historical lightning data and export it in a file format you can easily use.

Extensive lightning information including event type, cloud-to-ground stroke, or intra-cloud pulse event, date and time (UTC with milliseconds accuracy), precise latitude and longitude, peak current (kA), polarity (+/-), and much more.

Comprehensive data access without the need to invest in a data processing system or your own lightning detection sensors – saving real estate, time, maintenance, and operational costs.

Why Vaisala?

We are innovators, scientists, and discoverers who are helping fundamentally change how the world is powered. Vaisala elevates wind and solar customers around the globe so they can meet the greatest energy challenges of our time. Our pioneering approach reflects our priorities of thoughtful evolution in a time of change and extending our legacy of leadership.

Vaisala is the only company to offer 360° of weather intelligence for smarter renewable energy, nearly anywhere on the planet. Every solution benefits from our 85+ years of experience, deployments in 170+ countries, and unrivaled thought leadership.

Our innovation story, like the renewable energy story, continues.

Lightning Exporter helps users conveniently preview and gather lightning data when, and how, you need it. This allows energy stakeholders to justify downtime, review procedures, identify potential asset damage, and guide investigation and repair projects.

Applications:

- Build robust incident reporting data through a simple, easy-to-use web interface that allows you to compile the highly accurate lightning information you need for incident assessment, reporting, or presentations
- Incorporate comprehensive lightning information into your safety and asset planning reports to improve management of weather threats or incidents
- Investigate the potential risks of lightning damage to power generation assets and more with accurate maintenance or protection GIS reports
- Justify asset investigation with an accurate record of lightning events
- Evaluate asset damage or failure with near real-time and historical hazardous strike information

