

Lightning Risk Map

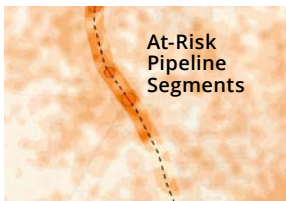
Oil & Gas

Minimize Downtime and Expenses Associated with Lightning Strikes

For the first time, current lightning data can be mapped with geospatial coordinates attached to each strike. Lightning Risk Maps from CoreLogic® provides access to all lightning strikes within the past 10 years, which allows your team to instantly visualize the historical and seasonal trends impacting your pipeline assets.

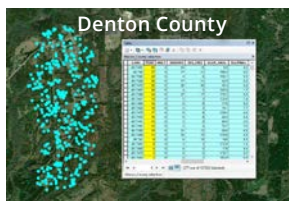
By combining data from the Vaisala lightning detection system and our location information solutions, Lightning Risk Maps from CoreLogic provide the highest level of precision and granularity to each lightning strike along with twenty-five descriptive attributes. Attributes such as seasonal trends, peak current and whether the strike was cloud-to-ground or cloud-to-cloud can be filtered down to better inform the decision making as it relates to asset management, network planning and wildfire avoidance.

At-Risk Pipeline Segments



- Identify which segments experience greatest amount of strikes
- Visualize regional strike density with a heat map

The Details that Matter



- Filter the insights relevant to your project
- 90% of all strikes measured are not damaging (i.e. cloud-to-cloud, low amperage)

Visualize the Unexpected



- Inspect unexpected cluster of strikes to better protect your assets



Key Benefits For Risk Managers:

- Visualize geospatial trends in lightning strikes
- Purchase and customize consumption based on individual needs
- Improve asset management and route planning

The CoreLogic Advantage

Unlike other lightning verification methodologies, the Lightning Strike Map from CoreLogic leverages 25 plus years of lightning data acquired from the U.S. National Lightning Detection Network® (NLDN). First introduced by Vaisala, Inc. in 1989 and later enhanced by CoreLogic with geospatial coordinates, the lightning verification methodology is recognized as the standard for accuracy by the insurance industry based on thousands of peer-reviewed citations.

Stay Bundled Up. Keep Costs Down.



BASIC

Spot the Trend

Lightning Risk Maps Basic provides the location, date and time of every lightning strike captured by Vaisala's cutting-edge lightning sensor network. The basic package provides a broad overview of lightning activity in your region, allowing you to establish seasonal trends and better protect your pipeline infrastructure.



PROFESSIONAL

Identify the Most Damaging Strikes

Including all the benefits from Lightning Risk Maps Basic, the professional package includes a lightning strike polarity indicator for every strike, along with more precise sensor data information. This package provides deeper insight, with an emphasis on identifying strikes with the greatest propensity for damage to your pipeline infrastructure



PREMIUM

Highest Level of Detail

Lightning Risk Maps Premium is a comprehensive solution that includes all the benefits of the professional package combined with every piece of data collected Vaisala's lightning sensor network. This package includes increased levels of detail regarding accuracy, measurements of currents generated with each strike, as well as the ability to determine the strike hit the ground or was simply a cloud-to-cloud discharge.

For more information, please email Jonathan McDonald at jomcdonald@corelogic.com or call 817.699.8238.