



Hail Size Map

Identifies hail size and location

A Clear and Accurate Picture of Hail Impact

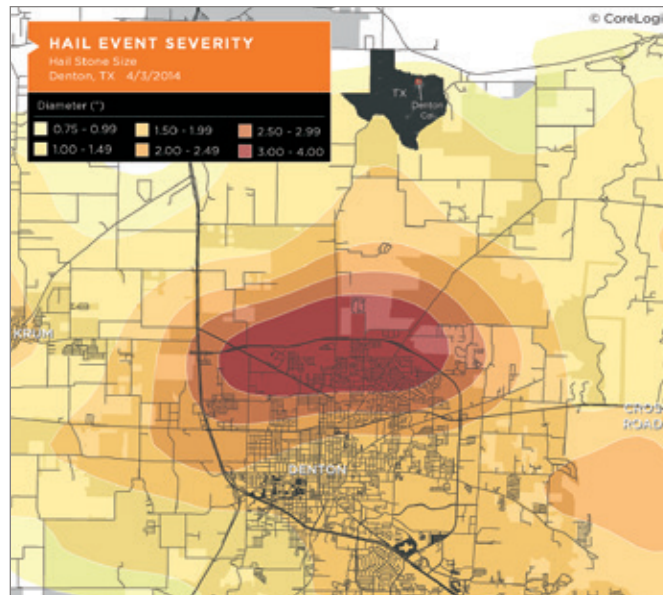
Damaging hail is one of nature's costliest weather perils. In fact, according to the Insurance Council of Texas, a single hail storm in Dallas caused over \$900 million in damage. Catastrophe events such as this can be difficult to manage and can quickly overwhelm a carrier's claims management team. The situation is further complicated by the uncertainty surrounding disputed hail claims and related third-party involvement in the claims process.

Such challenges exert strong pressures on an insurer's profitability. Carriers seek to address these challenges by better managing the overall policyholder experience; therefore improving customer retention and reducing customer churn. For example, by adopting semi-automated adjustment processes and replacement cost calculations, carriers can reduce cycle times and improve transparency in the adjustment process of hail claims.

With Hail Size Maps from CoreLogic®, carriers can leverage powerful business intelligence to help them achieve these goals after a hail storm. For example, claims managers and actuaries can overlay our hail size maps on their Policies in Force (PIF) to quickly optimize and accelerate the claims process by:

- ▶ Planning and allocating resources in near real-time
- ▶ Matching adjuster skill set to claim difficulty
- ▶ Referring disputed claims to their SIU for in-depth analysis

Achieving this level of efficiency requires accurate hail data; and not all sources of hail data are created equal. At CoreLogic, we designed our hail verification model for a specific purpose—to objectively determine what hail size affected each distinct parcel. As a result, our Hail Size Maps feature unparalleled accuracy; up to four times greater than Hail Detection Algorithm-based (HDA-based) methods*. With Hail Size Maps from CoreLogic, carriers can streamline key functions after a hail storm to help promote and retain high levels of customer satisfaction.



CoreLogic Hail Size Maps, such as this one of a Denton, Texas hail event, can be used to anticipate post-storm claims**

Each display map is color-coded with 14 levels to indicate hail size, ranging from three quarter inch to over four inch hail.

Interactive Hail Size Maps Based on a Proprietary Hail Verification Model

Simply knowing which locations experienced hail is not enough. *An accurate determination of hail size is the most important factor in predicting the location and volume of imminent property claims activity.* That's why a combination of a trusted hail verification methodology, weather data, and on-the-ground information is so essential to establishing an accurate view of potential hail damage.

The Hail Size Maps from CoreLogic are based on our proprietary hail verification model and are up to four times more accurate than Hail Detection Algorithm-based (HDA-based) products*. This fully-automated, proprietary model has allowed carriers to react quickly and intelligently after a hail storm. Our hail verification model combines proprietary hail size algorithms, state-of-the-science artificial intelligence, 3-D storm models, and the best available remote sensing and point-specific weather data to objectively determine what hail size affected each distinct parcel. As a result, claims managers can now more accurately anticipate which individual policyholders are likely to file a hail damage claim.

For example, Robb Waldner, a claims manager in the Dallas office of Amica Mutual Insurance Company, said the following about our Hail Size Maps in the Dallas News article *New Technology is Changing How Insurers Investigate Hail Claims*¹:

“We can put a game plan together even before the claims come in to predict where a hailstorm may have caused damage to Amica policyholders. Our adjusters can see twice as many claims as before.”

Why Consider CoreLogic?

For insurers that need to quickly project hail losses, accuracy and timeliness is essential. Our proprietary hail verification model has been shown to be over four times more accurate when compared to HDA-based methods*. Using this unique business intelligence, insurers can proactively respond to customer inquiries and quickly deploy the appropriate resources; thereby improving customer service and ultimately, the bottom line.

Key Features and Benefits:

- ▶ Flexible purchasing options support multiple business needs
- ▶ Trusted accuracy helps validate claims decisions
- ▶ Fourteen levels of color-coding identifies hail size ranging from three-quarter to four inch
- ▶ Hourly map updates means users get near real-time hail size information
- ▶ Superior accuracy improves loss forecasts and reporting
- ▶ Enables improved determination of location and volume of future claims
- ▶ Helps identify suspicious claims activity
- ▶ Users have complimentary access to our Custom Hail Alerts, which delivers hail storm updates to your email every three hours
- ▶ Shapefiles and .kmz files are optionally available for Policies in Force (PIF) comparisons

*Product Performance Assessment. An internal study was completed by a top 5 insurance carrier claims department which showed 83 percent of policies predicted by the CoreLogic Hail Verification Model to have ≥ 2.5 " hailstone diameter filed and had paid claim, but only 20 percent of competitor policies with ≥ 2.5 " hailstone diameter had a filed and paid claim. The competitor algorithm overestimated the hailstone diameter while the CoreLogic Hail Verification Model was realistic.

**For the purpose of this illustration, our map shows hail size in half inch increments. Our Hail Size Maps can actually detect hail size by the quarter inch.

¹ Article published April 22, 2014

TO VIEW SUBSCRIPTION OR INDIVIDUAL MAP PURCHASING OPTIONS, VISIT weatherfusion.com

FOR MORE INFORMATION: 888-929-4245 | sales@weatherfusion.com

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