CLIMATICS

By Early Warning Network

The most comprehensive database of historical hazards and warnings provides the foundation of identifying changes in hazard intensity, frequency, and duration at any location in Australia since 1985.

Climatics lets you spatially compare historical hazard severity and probability using EWN proprietary hazard maps.

Identify all the hazards your asset has been historically impacted by and is at risk of in the next 5-10 years.

Combine our climate intelligence with your organisations vulnerability and exposure information to assist with TCFD physical risk reporting.

early warning network
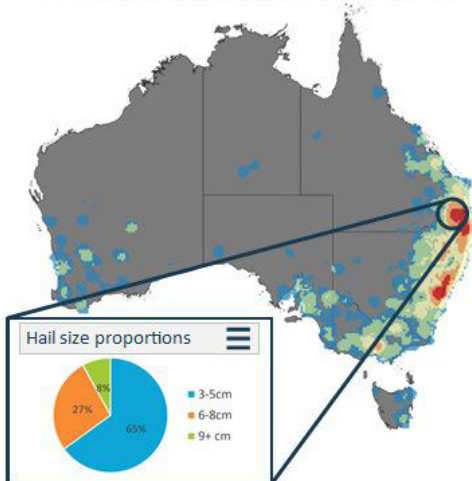
How can CLIMATICS help your business?

Climate hazard can impact businesses of any size. Deliveries can be delayed, crops can be destroyed, buildings and infrastructure can be damaged.
The climate intelligence provided by Climatics can help you to identify your most vulnerable assets, evaluate potential investment locations, plan ahead as risks evolve, and satisfy any climate-related financial disclosure requirements.
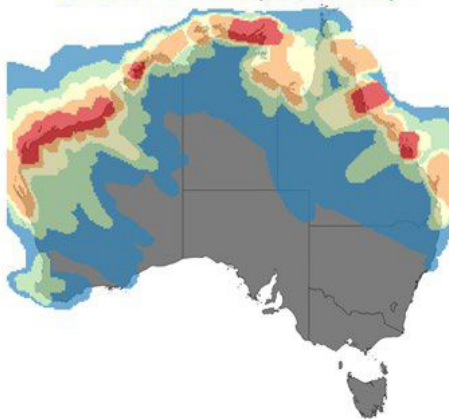
How does it work?

Climatics uses real, historic data developed by EWN detailing climate hazard events across Australia going back decades, as well as the severe weather warnings our specialist team has been issuing since 2009. This proprietary dataset allows us to calculate the historic risk of severe weather events across Australia, identify how that risk has evolved, and infer future change in the next 5-10 years' time with the changing climate.

Exploration Mode

Annual probability of 3cm+ hail occurrence

Maximum recorded cyclone severity

Portfolio Mode

Upload coordinates or addresses of your assets across Australia to calculate specific risks and generate detailed reports
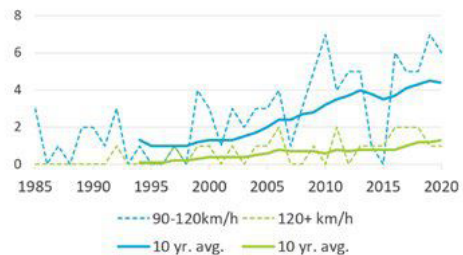

Flood risk (return period)

Flood depth

Annual severe wind events at Asset XYZ

Probability of bushfire events near Asset XYZ

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