



The Early Warning Network (EWN) Current Severe Weather dataset delivers up-to-the-minute Australia-wide weather data sourced from the Bureau of Meteorology (BoM) and state-based bushfire responders. The dataset includes two feeds for severe weather warnings as well as severe weather events across Australia.

Warning polygons are overlaid with Geoscape data (3D building footprints of Australia) to calculate the number of buildings affected in every 9m² area, as well as the population and dwelling counts from the latest ABS Census.

Product features and benefits

Features

Severe thunderstorms

Tropical cyclones

Rainfall

Bushfires

Benefits

Automated warnings and events

Varied lead time

Enhanced insights

Updated every 10 minutes

Sample applications


- + Insurance – Street level insights to support decision making, risk assessment and issuing of new policies
- + Government – To manage the safety of staff across multiple locations
- + Energy and resources – Prepare for weather threats and prevent injuries, losses or interruptions to schedules
- + Construction and engineering – Protect personnel, assets and operations
- + Transport and logistics – Protect national transport routes and keep drivers informed

Formats

- + Only available with the Esri suite. The feed of data can also be consumed as a feature service and loaded in ArcGIS Desktop or ArcPro



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