



Upgrade to 3 Northern Territory weather radars



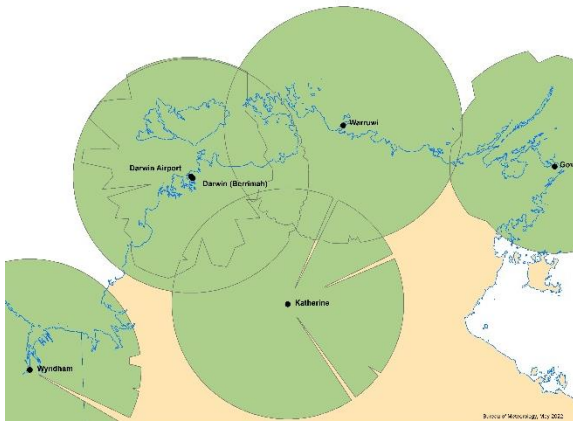
The Bureau of Meteorology is delivering the most significant upgrade of Australia's radar and observation network in a generation. It includes 8 new radars, plus upgrades to 46 radars, almost 700 automatic weather stations and 200 flood warning network sites across the country by June 2024.

NT radars set for upgrade

The Bureau is upgrading 3 Northern Territory weather radars:

- Darwin Airport, from May 2022
- Warruwi, from June 2022
- Darwin (Berrimah), from July 2022

During the upgrade, each radar will be offline for approximately 8 weeks.



The upgrade process

Each radar will need to be offline for our technicians to complete the work, however the Bureau's warning services and forecasts will continue to be provided through an extensive observation network that includes satellites, automatic weather stations and flood warning networks.

During this period the community can continue to access their local weather information from the Bureau's range of sources.

More information

bom.gov.au/australia/radar/ron

Improved services for the community

As part of the radar upgrades, the Bureau will install new digital receivers and control systems to provide the community and local industries with:

- tracking the location and strength of wind changes using Doppler technology
- improved rain image quality
- improved severe storm prediction by detecting weather systems such as tornadoes and intense rain during storms that can cause damage
- enhanced information for emergency services with capability for better fire plume height estimation and detection of fire-generated thunderstorms
- increased accuracy and reliability of the radar.

Find local weather information

- **Radar images** – use the BOM Weather app or select alternative Northern Territory radars on the Bureau's website (bom.gov.au)
- **Warnings and forecasts** – For hourly, 3-hourly or daily rainfall totals; graphs of changes in temperature, humidity, and pressure; 24-hour wind charts; and river heights.
 - › Go to bom.gov.au or the BOM Weather app.
- **Forecasts with MetEye** – Find forecasts from 3-hours to 7-days for temperature, wind, rain, humidity and storms, plus sea and swells.
 - › Go to bom.gov.au/australia/meteye
- **Satellite images for rain, thunderstorms and lightning** – View high-resolution satellite images at 10-minute intervals, including cold fronts, lightning and storm activity anywhere, anytime.
 - › Go to bom.gov.au/australia/satellite

