



Works to replace the Perth (Serpentine) weather radar



The Serpentine weather radar, south of Perth, is being replaced with a new radar to provide the local community and industry with more reliable and up-to-date weather information. The new radar is part of the Bureau's work to continuously enhance and improve the Australian radar and observation network.

Perth (Serpentine) radar set for replacement

The Bureau will replace the Perth (Serpentine) weather radar with a new radar.

The radar will be offline for two periods in 2021 and 2022 during this work.

Improved services for the community

Once finished, the community, emergency services and local industry will benefit from the installation of the latest technology radar that will:

- 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.

The upgrade process

The 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, local communities can draw on alternative information for Western Australia.

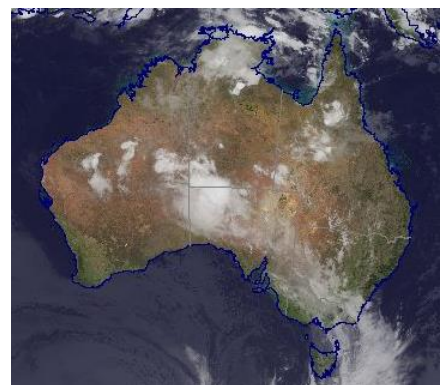
Find alternative information

- **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](http://bom.gov.au/australia/meteye)** – Find forecasts from 3-hours to 7-days for temperature, wind, rain, humidity and storms, plus sea and swells. The forecasts cover land and coast in 6 km square grids. Pick a spot and bookmark it on your computer or tablet. View as text or as a map. Zoom in and see how the weather will change through the week.

› 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 moving in from the west, lightning and storm activity anywhere, anytime.

› Go to bom.gov.au/australia/satellite

More information: bom.gov.au/australia/radar

