

# 'Uncharted territory' as bushfires rage across Australia's east

November 8 2019, by Andrew Beatty

---



A large bushfire in the Wollemi National Park near Lithgow, west of Sydney

Australian firefighters warned they were in "uncharted territory" as they struggled to contain more than a dozen out-of-control bushfires across the east of the country on Friday.

Around a hundred blazes pockmarked the New South Wales and Queensland countryside, around 17 of them remained dangerous and uncontained late Friday.

"We have never seen this many fires concurrently at emergency warning level," New South Wales Rural Fire Service Commissioner Shane Fitzsimmons told public broadcaster ABC. "We are in uncharted territory."

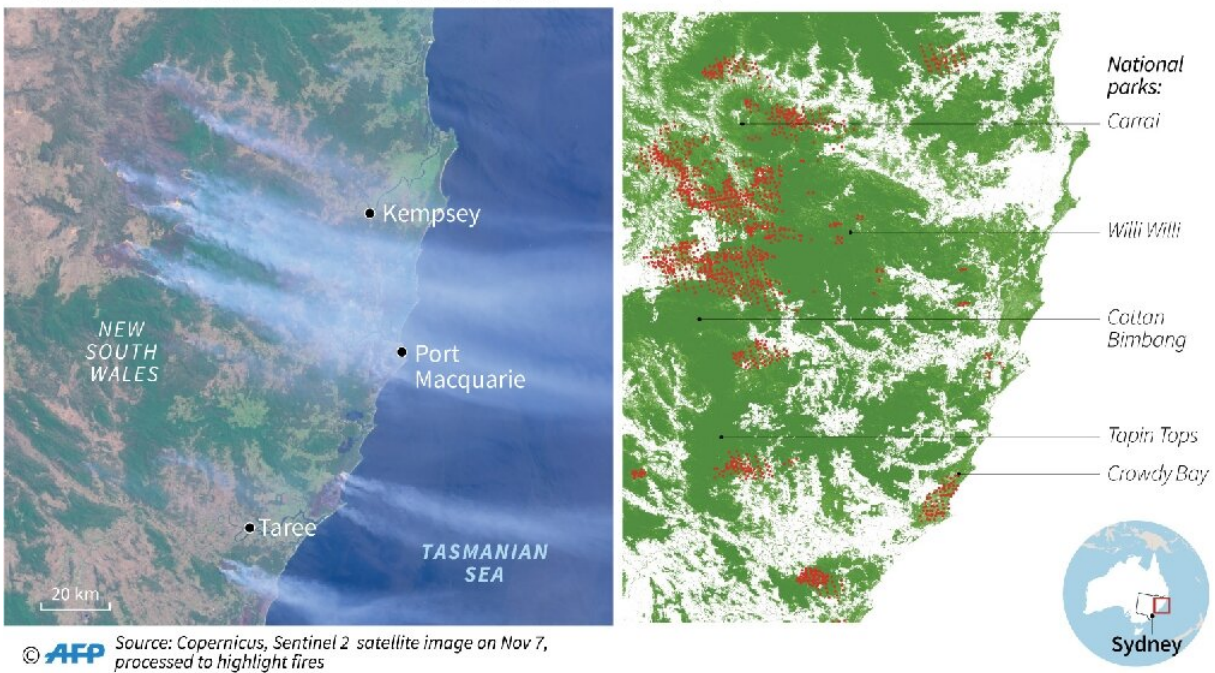
Bushfires are common in Australia and firefighters had already been tackling sporadic blazes for months in the lead up to the southern hemisphere summer.

But this is a dramatic start to what scientists predict will be a tough fire season ahead—with climate change and unfavourable weather cycles helping create a tinderbox of strong winds, low humidity and high temperatures.

So far there have been no reports of fatalities, although there were reports of buildings set alight and people trapped in their homes.

The fact the blazes were spread along a roughly 1,000-kilometre (620-mile) stretch of the seaboard left emergency services struggling to cope, even with the help of around 70 aircraft.

## Bushfires in eastern Australia



Satellite image showing bushfires in Australia's New South Wales, with focus on fires in the last 24 hours

"Today has been a difficult and dangerous day. Unfortunately, many people have called for help but due to the size and speed of the fires we couldn't get to everyone, even by road or helicopter," New South Wales firefighters said.

Authorities in the state said fires had breached containment lines and forced the closure of the Pacific Highway linking Sydney and Brisbane in two places, although one area has since reopened.

On Queensland's Sunshine Coast, police ordered the total evacuation of Tewantin, a suburb of 4,565 people, before scaling back the order.



In some areas, residents were stuck and told to simply "seek shelter as it is too late to leave".

Local radio stopped normal programming and provided instructions about how to try to survive fires if trapped at home or in a vehicle.



An out-of-control bushfire burns in Harrington, some 335 kilometres (210 miles) northeast of Sydney

## **'Volatile and dangerous'**

Across the central coast, residents took to social media to post photos and videos of smoke-laden tangerine skies and flames engulfing storeys-tall eucalypts within sight of their homes.

Authorities said some of the fires were creating their own weather conditions—pyrocumulus clouds that enveloped entire towns.

Meanwhile, high winds flung embers and burnt debris far ahead of the fires' front lines, depositing the dangerous detritus on the balconies and front yards of unsuspecting residents.

Firefighters moved from spot to spot trying to put out small fires caused by the falling debris.

Strong winds and high temperatures are expected to ease into weekend offering the chance of some respite. But a prolonged drought and low humidity levels will continue to make circumstances combustible.



Strong winds and high temperatures are expected to ease into the weekend, offering the chance of some respite

"It's a very dynamic, volatile and dangerous set of circumstances," said Fitzsimmons.

Earlier this month some of the same fires cloaked Sydney in hazardous smoke for days, giving the city a higher concentration of particles per million than cities like Bangkok, Jakarta or Hong Kong.

That prompted health authorities to warn Sydneysiders with respiratory problems to avoid outdoor physical activity.

Swathes of Australia have gone months without adequate rainfall, forcing farmers to truck in water at exorbitant cost, sell off livestock or leave their land to lay fallow.

On Wednesday, Australia's government announced a package of low-cost loans worth around one billion Australian dollars (US\$690 million), designed to help drought-stricken farmers struggling with the latest "big dry".

© 2019 AFP

Citation: 'Uncharted territory' as bushfires rage across Australia's east (2019, November 8)  
retrieved 5 February 2023 from

<https://phys.org/news/2019-11-uncharted-territory-bushfires-rage-australia.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.