

From: [Ben Di-Lorenzo](#)
To: Section 22 - removed with
Subject: ESRI Radar Mobile App Channel.pptx [SEC=OFFICIAL]
Date: Monday, 16 January 2023 2:06:47 PM
Attachments: [ESRI Radar Mobile App Channel.pptx](#)

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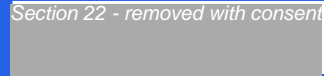


The Bureau
of Meteorology

ESRI Radar Mobile App Channel

Decommission plan

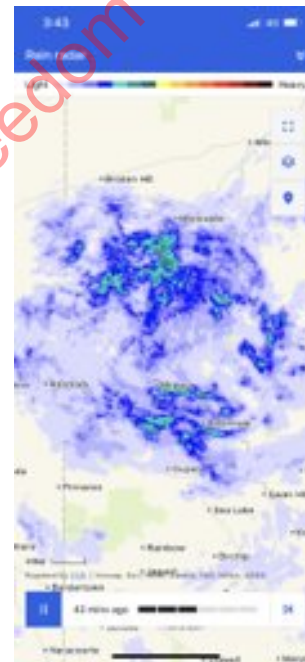
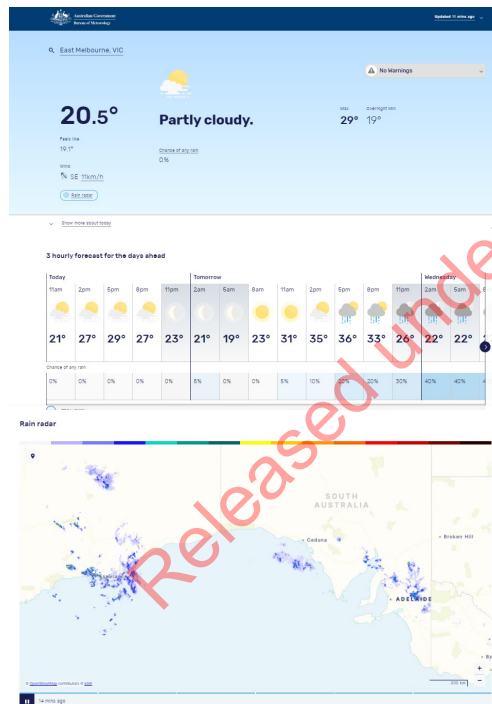
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Purpose

- Outline the decommission plan (and the user experience) for the existing radar functionality used in www.weather.bom.gov.au and the Bureau Weather App



Background

- Bureau weather app uses a mixture of infrastructure and technology to present the rain data
- The current solution has limitations from a performance and scalability perspective and a new tool (Mapbox) has been integrated to address this
- With a new mapping solution developed and ready for release in the app, there is a need to migrate users off versions of the app that have the "old" mapping tool and onto the newer version
- www.weather.bom.gov.au uses the same data source for it's radar as the Bureau weather app and will also be decommissioned
- This change also causes for the Mobile App to move from a reflectivity (dbz) data feed to a rain rate (mm/hr) data feed



Product Assessment Criteria

- The rain image product is still required across all digital channels
- Customers are able to the new 90min past / 90 min forecast rain image from the update app
- Customer are able to access the 60mins past observation rain image from the existing web and new web
- The assessment is focused at decommissioning older Mobile app versions and the www.weather.bom.gov.au total website, which both include the reflective radar data feed

Question	Simplified Evaluation Questions for Retirements / Consolidations	Score (1 = LOW, 3 = MODERATE, 5 = HIGH)	
1	Is this product required to support a priority sector plan?	5	product is critical, solution is decommission
2	Is this product required to support regulatory, legal, or other agreements?	5	Yes, but solution will be decommissioned
3	What is the customer impact?	Low impact	Proton has traffic, but have alternative options to access more updated information
4	What is the residual reputational risk?	Low	
5	What is the overall residual risk of this decision?	Negligible	



Product Assessment Criteria

Question 3: What is the customer impact?		
Evaluation Response	Rating	Rating Description
1	Low Impact	<ul style="list-style-type: none">•Low negative impacts•Limited support for positive impacts•Limited support for customer operations
3	Moderate Impact	<ul style="list-style-type: none">•Moderate negative impacts•Moderate support for positive impacts•Moderate support for customer operations
5	High Impact	<ul style="list-style-type: none">•High negative impacts•High support for positive impacts•High support for customer operations



Product Assessment Criteria

Question 4: What is the residual reputational risk?		
Evaluation Response	Trend	Trend Description
1	Negligible	The reputational risk can be managed to a negligible residual level.
2	Low	The reputational risk can be managed to a low residual level.
3	Moderate	The reputational risk can be managed to a moderate residual level.
4	High	The reputational risk can be managed to a high residual level.
5	Extreme	The reputational risk can be managed to an extreme residual level.



Product Assessment Criteria

Question 5: What is the overall residual risk of this decision?		
Evaluation Response	Bureau Residual Risk Rating	Residual Risk Rating Description
1	Negligible	Risk Likelihood and Consequences tables to generate initial risk rating and build controls to measure residual risk are in the Bureau's Risk Management Framework.
2	Low	
3	Moderate	
4	High	
5	Extreme	

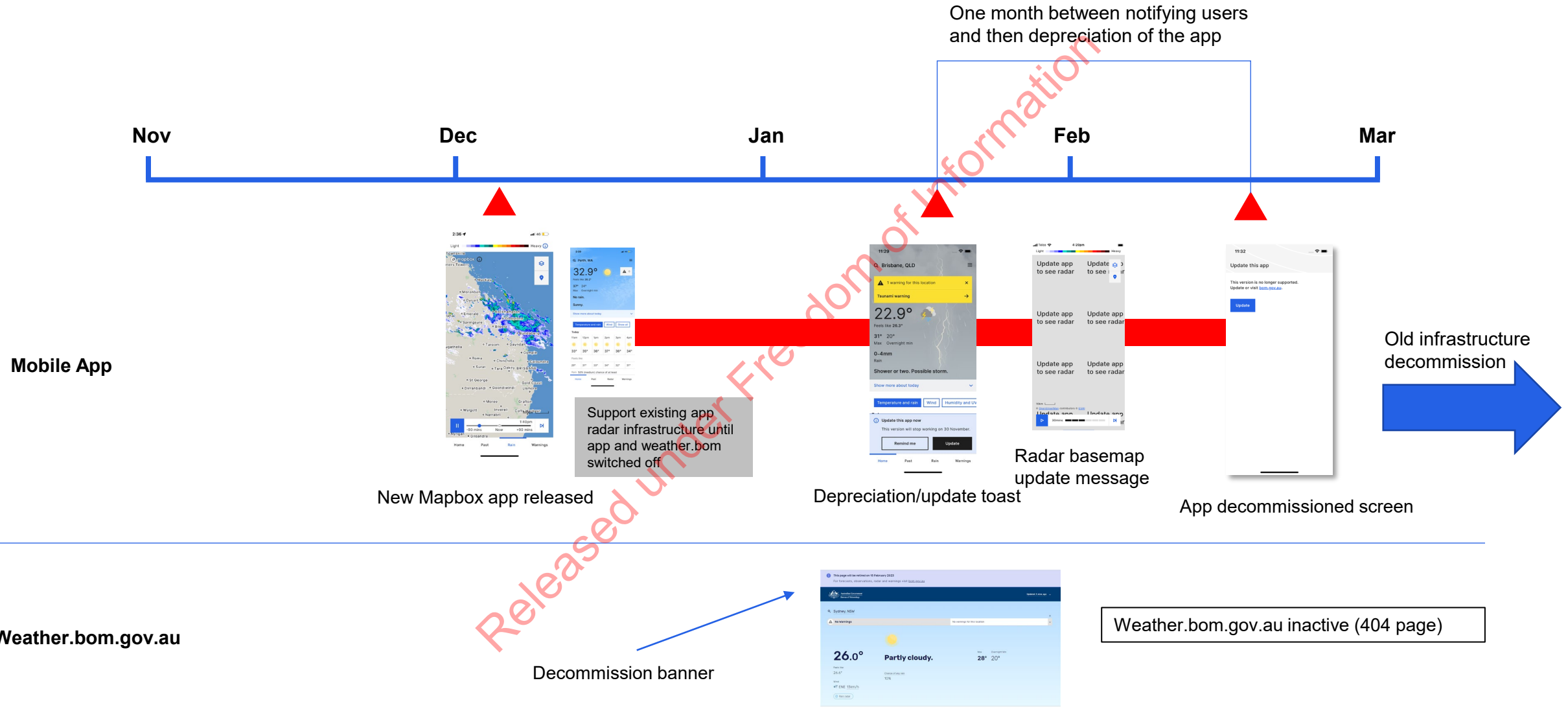


Background

- 7th December 2022 Mapbox app release v6.1.0
- 17 January 2023
 - Decommission message placed on weather.bom.gov.au
 - Depreciation toast shown on mobile app (version 5.2.0 and newer)
- 21 February 2023
 - Weather.bom.gov.au decommissioned
 - App depreciated screen shown on mobile app (version 5.2.0 and newer)
 - Radar basemap replaced with a watermark containing the upgrade message (for versions prior to 5.2.0)
- March 2023
 - App radar decommission
 - Code backed out of app



Timeline



Weather.bom.gov.au decommission

The screenshot shows the weather website interface for Sydney, NSW. At the top, a purple banner states: "This page will be retired on 15 February 2023. For forecasts, observations, radar and warnings visit bom.gov.au". Below this is the Australian Government Bureau of Meteorology logo and a search bar containing "Sydney, NSW". A "No Warnings" alert is displayed. The main weather display shows a sun icon, a temperature of 26.0°, and the condition "Partly cloudy.". Additional details include: "Feels like 26.6°", "Chance of any rain 10%", "Wind ENE 13km/h", and "Rain radar" button. A "Show more about today" link is at the bottom left.

- www.weather.bom.gov.au will be switched off at the same time as the app decommission screen
- Decommission banner displayed to alert users of the "switch off"
- Features are out of sync with the website and mobile app
- Currently there over 260k hits (30 days) to the website
- Users will be requested to download the app or visit our website





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Thank you
Arial Bold 30pt

Presenter name, Arial 20pt

Add contact details or
website here if needed

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From: [redacted]
To: [Ben Di-Lorenzo](#); [redacted]
Subject: RE: ESRI Radar Mobile App Channel.pptx [SEC=OFFICIAL]
Date: Friday, 16 December 2022 11:46:45 AM

Thanks Ben, I will do.

[redacted]

Digital Planning Manager
Digital Channels & Customer Experience Design, Data and Digital Group

[redacted]

From: Ben Di-Lorenzo [redacted]@bom.gov.au>
Sent: Friday, 16 December 2022 11:08 AM
To: [redacted]@bom.gov.au>; [redacted]@bom.gov.au>;
[redacted]@bom.gov.au>; [redacted]@bom.gov.au>
Subject: ESRI Radar Mobile App Channel.pptx [SEC=OFFICIAL]

Hi [redacted]

I presented your pack at PAG to discuss the decommission of old radar experience..

The action is for you to come back and do a final preso before pushing the trigger...

Can you work with [redacted] on the comms plan aswell

Ben

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From: [Section 22 - removed with consent]
To: Ben Di-Lorenzo; [Section 22 - removed with consent]
Subject: RE: differences between weather.bom v app / web [SEC=OFFICIAL]
Date: Monday, 16 January 2023 4:43:53 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

Off the top here are some other differences:

Weather.bom (Proton) **does not** have the following that are in the app:

- 72 hours of hourly forecast data (proton has 3 hourly data)
- Hourly wind gust
- 3 hourly Total wave height
- Updated radar with 90 minutes observed rain and 90 mins forecast in 5 minute time steps (Proton radar only has 60 mins forecast in 10 min time steps)
- Moon phase
- Proton does not have the latest rainfall changes
- Proton does not have the marine information including:
 - Waters forecast
 - Tide times
- Warning push notifications
- Past Weather for 72 hours
- National warnings list by state
- Dark mode

These are the key feature-based differences.

[Section 22]

From: Ben Di-Lorenzo [Section 22 - removed with consent]@bom.gov.au>
Sent: Monday, 16 January 2023 4:03 PM
To: [Section 22 - removed with consent]@bom.gov.au>; [Section 22 - removed with consent]@bom.gov.au>
Subject: differences between weather.bom v app / web [SEC=OFFICIAL]

Hi [Section 22]

As mentioned, there are feature differences between weather.bom and the app/web. Some of the differences are below, however [Section 22] might be able to add a couple more.

- Proton does not have the latest rainfall changes
- Proton does not have the marine information

Kind Regards

Ben Di-Lorenzo General Manager – Digital Channels & Customer Experience Design

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[@bom.gov.au](#)

GPO Box 1289 Melbourne VIC 3001

[Section 22 - removed with consent]



Make flexibility work. If you receive an email from me at a time that is outside of normal business hours, I am sending it at a time that suits me. I am not expecting you to read or reply until normal business hours.



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