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| Vicmap Product Development |
| REVISED: Change Notice # 265.1 |



Vicmap Basemaps – Service changes

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| **Document version control**   |  |  |  |  | | --- | --- | --- | --- | | **Version Number** | **Author** | **Comment** | **Date** | | 265 | A Densley | Initial notice | 12/02/2021 | | 265.1 | A Densley | Revised schedule & scope | 16/06/2021 |   **Amendment notes**  This amendment explains the revision of Vicmap Change Notice #265 published [12/02/2021] following feedback received.   1. Withdrawal of the addition of “Vicmap Basemaps - VicGrid 2020 – Cartographic” service to Vicmap Basemaps. 2. Modified implementation schedule for the addition of “Vicmap Basemaps - Web Mercator - Cartographic (256 pixel tiles)” to Vicmap Basemaps. 3. Modified implementation schedule for styling changes to the Vicmap Cartographic and Overlay services.   The revised Vicmap Change Notice #265.1 is provided below. |

## What is happening

Changes occurring to modernise the Vicmap Basemaps product are:

1. A new service called “Vicmap Basemaps - Web Mercator - Cartographic (256 pixel tiles)” will be added to the Vicmap suite of Basemaps.
2. Multiple styling changes (detailed below) will be applied to the Vicmap Cartographic and Overlay services.

## Why this change is occurring

1. The Vicmap Basemaps - Web Mercator - Cartographic (256px) service will be made to comply with the standards of the Web Mercator coordinate reference system (EPSG:3857) used in services such as Google Maps and OpenStreetMap (OSM). The change will see the tile resolution size change from 512 x 512 pixels to 256 x 256 pixels.
2. Extensive stakeholder consultation on the styling of the Vicmap Cartographic and Overlay services has resulted in recommendations to implement multiple changes listed in Table 1:

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| No | Service | Item Class | Description | Scales affected | Implementation |
| 1 | **Carto** | Road labels | Road labelling in regions is very sparse when zoomed. Users must drag the tiles a few times to learn what the road name is. | 10k to 1:800 | Increased the frequency of labels and ticked 'never remove' in some cases. |
| 2 | **Carto & Overlay** | Address labels | Address Parcel labelling is too small and faint at the smaller scales. There are congestion issues in built up areas. | 800 - 2500 | Changed to a darker colour, increased halo and font size. |
| 3 | **Carto & Overlay** | Address labels | In sparsely populated areas where parcels are very large it is difficult to see the numbers. They are only shown between 800 and 2500 which doesn’t work well in these areas. | 800-5k | Labelled rural numbers at 5000 using the rural flag. |
| 4 | **Carto** | Hydro Watercourse | Creeks – blue colour is too faint. | 800 – 25k | Increased the thickness and darkened the colour. |
| 5 | **Carto & Overlay** | Hydro Labels | Labelling of water features and parks are often duplicated. | All | Removed duplication |
| 6 | **Carto & Overlay** | Hydro and Park area Labels | Too wide white text buffering | All | Reduced label halo |
| 7 | **Carto (Vicgrid only)** | Hillshade | No hillshade in Vicgrid service like in the web mercator service. | All | Added hillshade |

**Table 1:** **Vicmap Cartographic and Overlay proposed changes.**

## Who will the change affect

This change will affect all users of the Vicmap Basemaps services in GIS desktop and web mapping applications.

## When the change will occur

Testing of the new services is available now via:

<https://dev-base.maps.vic.gov.au/service?SERVICE=WMTS&REQUEST=Getcapabilities>

The identifiers for each service are:

1. CARTO\_WM\_256 = Vicmap Basemaps - Web Mercator - Cartographic (256px)
2. Unchanged for existing services with styling changes.

Styling changes to the Vicmap Basemaps Cartographic can be viewed [here](https://delwp.maps.arcgis.com/apps/StorytellingSwipe/index.html?appid=d0dcb73dc06a42aaa3469b45fda970b5).

The new services will be added to the Vicmap Basemaps service from **30 July 2021**.

Please note that the current Web Mercator service (512px) will continue to operate and be maintained in parallel with the Web Mercator service (256px) version for now but will be phased out following successful user migration.

## How to provide feedback

For Vicmap Product change notices and updates, visit [Vicmap change notices](https://www.land.vic.gov.au/maps-and-spatial/spatial-data/updates-to-vicmap/vicmap-change-notices%0d).

For further information & feedback please email [vicmap.help@delwp.vic.gov.au](mailto:vicmap.help@delwp.vic.gov.au)

If you would like to subscribe to change notices ongoing please forward your contact details including your email to [vicmap@delwp.vic.gov.au](mailto:vicmap@delwp.vic.gov.au)

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