

AUSTRALIA - High-resolution Tiled Web Maps on Terrain & Hydrology

- Elevation Contours
- Modelled Surface Water Flow Directions
- Shaded Relief

1. Overview: New tile maps superimposed over Google Maps



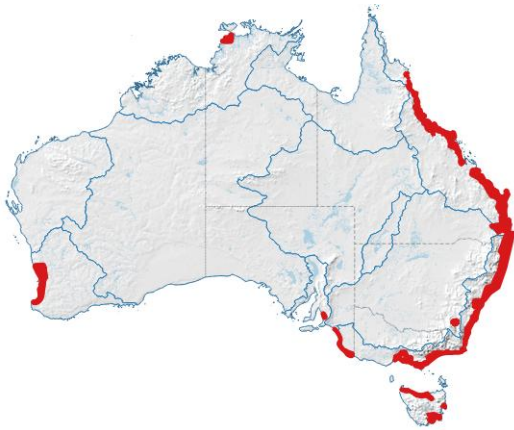
2. Specifications

Tile Maps (XYZ Tiles)	Input Resolution (GA's ELVIS)	Output Detail		Styles	Australia Coverage
		Interval or resolution	Tile maps - A minimum set of zoom levels		
Elevation contours	5m	Interval 2m	14-15-16-17-18 (up to ~0.6 m)	- White - Yellow	~70% of population
	30m	Interval 10m	11-12-13-14-15 (up to ~4.8m)	- Yellow	Nationwide
Modelled Surface Water Flow Directions	5m	Spacing 100m	16-17-18 (up to ~0.6 m)	- Blue - Red	~70% of population
Shaded Relief	5m	Various resolutions	14-15-16-17 (up to ~1.2m)	- Grey	~70% of population
	30m	Various resolutions	11-12-13-14 (up to ~9.6m)	- Grey	Nationwide

3. URL Format, e.g.

[https://api.PropertyLocation.com.au/tiles/v2/{z}/{x}/{y}.png|jpg?type=\[1, 2, ...\] &apikey=\[x\]](https://api.PropertyLocation.com.au/tiles/v2/{z}/{x}/{y}.png|jpg?type=[1, 2, ...] &apikey=[x])

4. Coverage



High-resolution tile maps cover ~70% of AU population

5. Subscription Plans

Level 1	Level 2	Level 3	Level Xi
Visit < 250,000 map tiles per month	Visit < 1,000,000 map tiles per month	Visit < 2,000,000 map tiles per month	Further discussion

All plans access to the same set of tile maps

- Elevation contours
 - Interval 2m, White (input from 5m-resolution DTM)
 - Interval 2m, Yellow (input from 5m-resolution DTM)
 - Interval 2m, Grey (input from 5m-resolution DTM; for the Greater Sydney region only)
 - Interval 10m, Yellow (input from 30m-resolution DSM)
- Modelled Surface Water Flow Directions
 - Blue (input from 5m-resolution DTM)
 - Red (input from 5m-resolution DTM)
- Shaded Relief
 - Grey (input from 5m-resolution DTM)
 - Grey (input from 30m-resolution DSM)

- All tile maps are live and rapidly distributed by AWS content delivery networks (CDN).
- Each map tile (in PNG or JPG) has the size of 256 x 256 pixels.
- For evaluation, subscription and pricing, please contact us at info@BigDataEarth.com
- For more information, please check project [website](#)