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

<table>
<thead>
<tr>
<th>Tile Maps (XYZ Tiles)</th>
<th>Input Resolution (GA’s ELVIS)</th>
<th>Output Detail</th>
<th>Styles</th>
<th>Australia Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation contours</td>
<td>5m</td>
<td>Interval 2m 14-15-16-17-18 (up to ~0.6 m)</td>
<td>- White - Yellow</td>
<td>~70% of population</td>
</tr>
<tr>
<td></td>
<td>30m</td>
<td>Interval 10m 11-12-13-14-15 (up to ~4.8 m)</td>
<td>- Yellow</td>
<td>Nationwide</td>
</tr>
<tr>
<td>Modelled Surface Water Flow Directions</td>
<td>5m</td>
<td>Spacing 100m 16-17-18 (up to ~0.6 m)</td>
<td>- Blue - Red</td>
<td>~70% of population</td>
</tr>
<tr>
<td></td>
<td>Various resolutions</td>
<td>14-15-16-17 (up to ~1.2m)</td>
<td>- Grey</td>
<td>~70% of population</td>
</tr>
<tr>
<td>Shaded Relief</td>
<td>5m</td>
<td>Various resolutions 11-12-13-14-15 (up to ~9.6m)</td>
<td>- Grey</td>
<td>Nationwide</td>
</tr>
</tbody>
</table>

3. URL Format, e.g.

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

<table>
<thead>
<tr>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level Xi</th>
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</thead>
<tbody>
<tr>
<td>Visit &lt; 250,000 map tiles per month</td>
<td>Visit &lt; 1,000,000 map tiles per month</td>
<td>Visit &lt; 2,000,000 map tiles per month</td>
<td>Further discussion</td>
</tr>
</tbody>
</table>

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