

Topographic Information

| <u>Description</u> | <u>Maintenance</u> |
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| <p>Topographic information depicts the natural and built features on the land surface. These features have been collected and maintained by the Department for Environment and Heritage for many years, originally through standard topographic mapping programs and more recently through data maintenance projects. These fundamental data layers now form a geographic reference framework for many related datasets and mapping projects.</p> <p>The dataset includes most features shown on 1:50 000 standard topographic maps and is stored and maintained in broad themes of Relief, Hydrography, Cultural and Transport.</p> <p>The coverage of the Department's topographic data layers extends across the agricultural areas of South Australia and within this extent, selected data generated from larger scale mapping in limited regions is included. Limited additional information is also stored within the State's parks and reserve areas.</p> <p>The dataset is continuing to be enhanced in regard to its currency, spatial accuracy and attribution.</p> | <p>The data is generally maintained on a cyclic basis within geographic regions determined by project requirements. Information is updated by reference to ortho-rectified aerial imagery, in addition to incorporating data from other sources.</p> |
| <hr/> <p data-bbox="560 1274 802 1303" style="text-align: right;">Information stored</p> <p>RELIEF – contours, spot heights and landform features HYDROGRAPHY – coastline, natural water features and water-related infrastructure features CULTURAL – buildings and other general non water-related infrastructure TRANSPORT - public and private road and rail networks and related features Many features are available as individual layers.</p> | <hr/> <p data-bbox="1337 656 1450 685" style="text-align: right;">Lineage</p> <p>The topographic information was originally captured from hard copy standard mapping products produced at 1:50 000, 1:10 000 and 1:2 500 scales, by scanning, vectorising, cleaning the individual tile data and subsequently merging the data into a seamless coverage in GIS format.</p> |
| <hr/> <p data-bbox="700 1671 802 1700" style="text-align: right;">Access</p> <p>Digital data is supplied to clients on request, subject to the conditions and charges defined in associated data use agreements. Digital data is available in many formats, including ARC, MapInfo, DGN, DWG and DXF.</p> | <hr/> <p data-bbox="1184 960 1450 990" style="text-align: right;">Positional accuracy</p> <p>The positional accuracy of the information is generally related to the source mapping scale. The bulk of the coverage sourced from 1:50 000 scale mapping has a spatial accuracy of +/- 25m. Data captured from larger scale imagery may be of a higher order. The large scale map data has an accuracy of +/- 5m for 1:10 000 data and +/-1.25 m for 1:2 500 scale data. Respective vertical accuracy is +/- 5m, +/- 2.5m and +/- 1m.</p> <hr/> <p data-bbox="1198 1352 1450 1382" style="text-align: right;">Attribute accuracy</p> <p>The attribute accuracy varies within the dataset according to individual feature types. This metadata information is recorded against the individual feature layers and work is in progress to store metadata against individual features.</p> |