



**Australian Government**  

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**Geoscience Australia**

# Critical Aeronautical Heights 1997

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## *Technical details*

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**Technical support:**

For up to date information on *Critical Aeronautical Heights 1997* refer to the Geoscience Australia website:  
[www.ga.gov.au](http://www.ga.gov.au)

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**Acknowledgments:**

Geoscience Australia gratefully acknowledges contributions to map content. Information is supplied by Commonwealth, State, Territory and local government and private sector agencies and individuals. A comprehensive list is available from our web site.

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## Part 1 - The product

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A copy of the licence conditions are supplied at the time of purchase or download, and should be retained for proof of licensing.

*Critical Aeronautical Heights 1997* contains a selection of the highest point(s) in each geographical area of 30 minutes of latitude by 30 minutes of longitude. The full coverage of Australia comprises approximately 13,000 records, each of which contains data related to a single spot height. The elevations are in metres and feet and are always rounded up. Please note that this is not a regularly gridded set of data.

### Description of files

The downloaded *Critical Aeronautical Heights 1997* package contains the following files. There is one \*.lst file (generic list file) for each World Aeronautical Chart (WAC) map area.

**Table 1:** *Critical Aeronautical Height* files.

| File name            | File size (KB) | WAC map name     | WAC number |
|----------------------|----------------|------------------|------------|
| Adelaide.lst         | 60             | Adelaide         | 3458       |
| Albany.lst           | 50             | Albany           | 3462       |
| Alice_Springs.lst    | 71             | Alice Springs    | 3232       |
| Armidale.lst         | 72             | Armidale         | 3357       |
| Bourke.lst           | 51             | Bourke           | 3356       |
| Brisbane.lst         | 60             | Brisbane         | 3340       |
| Broome.lst           | 60             | Broome           | 3223       |
| Broken_Hill.lst      | 49             | Broken hill      | 3355       |
| Brunswick_Bay.lst    | 31             | Brunswick Bay    | 3108       |
| Canberra.lst         | 103            | Canberra         | 3457       |
| Cape_Wessel.lst      | 7              | Cape Wessel      | 3098       |
| Charleville.lst      | 56             | Charleville      | 3341       |
| Clermont.lst         | 83             | Clermont         | 3234       |
| Cloncurry.lst        | 38             | Cloncurry        | 2333       |
| Cooktown.lst         | 34             | Cooktown         | 3112       |
| Cooper_Creek.lst     | 49             | Cooper Creek     | 3342       |
| Darwin.lst           | 76             | Darwin           | 3109       |
| Esperance.lst        | 34             | Esperance        | 3461       |
| Groote_Eylandt.lst   | 21             | Groote Eylandt   | 3110       |
| Halls_Creek.lst      | 75             | Halls Creek      | 3222       |
| Hamilton.lst         | 60             | Hamilton         | 3469       |
| Hamersley_Range.lst  | 43             | Hamersley Range  | 3229       |
| Kalgoorlie.lst       | 67             | Kalgoorlie       | 3352       |
| Lake_MacKay.lst      | 52             | Lake MacKay      | 3231       |
| Meetkatharra.lst     | 69             | Meetkatharra     | 3346       |
| Melbourne.lst        | 69             | Melbourne        | 3470       |
| Melville_Island.lst  | 5              | Melville Island  | 3099       |
| Newcastle_Waters.lst | 56             | Newcastle Waters | 3221       |
| Normanton.lst        | 52             | Normanton        | 3220       |
| Nullarbor_Plain.lst  | 49             | Nullarbor Plain  | 3353       |
| Oakover_River.lst    | 52             | Oakover River    | 3230       |
| Oodnadatta.lst       | 50             | Oodnadatta       | 3343       |
| Perth.lst            | 63             | Perth            | 3351       |
| Petermann_Ranges.lst | 65             | Petermann Ranges | 3344       |
| Port_Augusta.lst     | 50             | Port Augusta     | 3459       |
| Rockhampton.lst      | 64             | Rockhampton      | 3235       |
| Sydney.lst           | 94             | Sydney           | 3456       |
| Tarcoola.lst         | 63             | Tarcoola         | 3354       |
| Tasmania.lst         | 47             | Tasmania         | 3556       |
| Torres_Strait.lst    | 10             | Torres Strait    | 3097       |
| Townsville.lst       | 51             | Townsville       | 3219       |

| File name    | File size (KB)     | WAC map name | WAC number |
|--------------|--------------------|--------------|------------|
| Wiluna.lst   | 50                 | Wiluna       | 3345       |
| <b>Total</b> | 2261 KB/<br>2.2 MB |              |            |

## Data dictionary

**Table 2:** Column heading table of *Critical Aeronautical Heights 1997*

| Column heading | Description  |
|----------------|--|
| 100K           | Indicates the 1:100 000 map number   |
| .              | Source indicator and includes the following values:<br>1-19 = 1:100 000 mapping compilations (AGD66)<br>20-39 = 1:100 000 National Topographic Map Series (AGD66)<br>40-49 = 1:100 000 Army map (AGD66)<br>50-69 = Australian Geodetic Datum (AGD84)<br>70-79 = State maps<br>80-89 = Other Sources<br>90-98 = Visual Terminal Charts<br>99 = Geoscience Australia field surveys |
| Od             | Latitude degrees   |
| Om             | Latitude minutes   |
| Os             | Latitude seconds   |
| Ld             | Longitude degrees  |
| Lm             | Longitude minutes  |
| Ls             | Longitude seconds  |
| Hght           | Height in metres   |
| Feet           | Height in feet   |
| P              | Elevation indicator and includes the following values:<br>E = <i>Estimated height</i><br>"blank" = <i>Surveyed height</i>  |
| NAME           | Feature map (if known)   |
| WAC1           | WAC map area number  |
| WAC2           | Overlapping WAC map area number (if applicable)  |

## Part 2 - Metadata

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**Note:** This dataset description is metadata (data about data) which describes the actual dataset in accordance with the ANZLIC (Australia New Zealand Land Information Council) Core Metadata [Guidelines](#) Version 2.

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### Dataset citation

**ANZLIC unique identifier:** ANZCW0703005263

**Title:** *Critical Aeronautical Heights 1997*

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### Custodian

**Custodian:** Geoscience Australia

**Jurisdiction:** Australia

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### Description

**Abstract:**

*Critical Aeronautical Heights 1997* contains a selection of the highest point(s) in each geographical area of 30 minutes of latitude by 30 minutes of longitude. Elevations are in metres and feet and are always rounded up. Note: This is not a regularly gridded set of data.

**ANZLIC search words:**

- LAND Topography Mapping
- LAND Topography Models
- TRANSPORTATION Air Mapping

**Geographic extent name:**

AUSTRALIA EXCLUDING EXTERNAL TERRITORIES - AUS - Australia - Australia

Note: The format for each Geographic extent name is: Name - Identifier - Category - Jurisdiction (as appropriate) See [GEN Register](#)

**Geographic bounding box:**

**North bounding latitude:** -9°

**South bounding latitude:** -44°

**East bounding longitude:** 154°

**West bounding longitude:** 112°

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### Data currency

**Beginning date:** Not Known

**Ending date:** 1997-06-01

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### Dataset status

**Progress:** Complete

**Maintenance and update frequency:** Irregular

### Access

**Stored data format:**

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**Digital:** Database  
**Digital:** Formatted ASCII

**Available format type:**

**Digital:** Database  
**Digital:** Formatted ASCII

**Access constraints:**

The data are subject to Copyright. Data files may be downloaded from Geoscience Australia's website at [www.ga.gov.au/download/](http://www.ga.gov.au/download/). A licence agreement is required.

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## Data quality

**Lineage:**

The data were captured from 1:1 million scale maps.

**Positional accuracy:**

Not Documented.

**Attribute accuracy:**

Not Documented.

**Logical Consistency:**

Not Documented.

**Completeness:**

Complete for Australia. It consists of approximately 13 000 records.

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## Contact information

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## Metadata information

**Metadata date:** 2003-04-02

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## Additional metadata

**Metadata reference XHTML:** <http://www.ga.gov.au/meta/ANZCW0703005263.html>

**Metadata reference XML:** <http://www.ga.gov.au/meta/ANZCW0703005263.xml>

**Size of dataset:** 2.2 MB

**Scale/resolution:** 1:1 million

**Projection/datum:** Geographical coordinates using the Australian Geodetic Datum 1966 (AGD66). Elevation data are supplied in metres in the Australian Height Datum (AHD).

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