Item class GeodeticCRS

Name AGD84 - LatLon

Item statusVALIDIdentifier350AliasAGD84

Information source Title The Australian Geodetic Datum Technical Manual

Author Working Party of the National Mapping Council of

Australia

Publisher National Mapping Council of Australia

Publication date 1985-12-01

Edition date

Data source ISO Geodetic Registry Scope Spatial referencing.

Datum Australian Geodetic Datum 1984

Coordinate System Ellipsoidal 2D CS. Axes: latitude, longitude. Orientations: north, east.

UoM: degree

Extent

Description	Australia - onshore and offshore.	
Geographic Bounding Box	West-bound longitude	111.0
	North-bound latitude	-8.0
	East-bound longitude	157.5
	South-bound latitude	-45.0

Item class GeodeticDatum

Name Australian Geodetic Datum 1984

Item statusVALIDIdentifier198AliasAGD84

Information source Title The Australian Geodetic Datum Technical Manual

Author Working Party of the National Mapping Council of

Australia

Publisher National Mapping Council of Australia

Publication date 1985-12-01

Edition date

Data source ISO Geodetic Registry

Remarks Replaced AGD66 in Australia except in the States of New South Wales

and Tasmania and the Australian Capital Territory and the Northern

Territory.

Anchor definition Defined through coordinates and observations used to derive the

previous AGD66 coordinates with the addition of point-position and multi-station Doppler, SLR and VLBI observations. The final coordinates were obtained from a single national least squares adjustment of all observations holding the coordinate of the Johnston

adjustment of all observations holding the coordinate of the Johnston

Origin fixed.

Release date 1985-12-01 Coordinate Reference Epoch 1962.0

Scope Spatial referencing

Ellipsoid Australian National Spheroid

Prime Meridian Greenwich

Extent

Description	Australia - onshore and offshore.	
Geographic Bounding Box	West-bound longitude	111.0
	North-bound latitude	-8.0
	East-bound longitude	157.5
	South-bound latitude	-45.0

Item class Ellipsoid

Name Australian National Spheroid

Item statusVALIDIdentifier29AliasANS

Information source Title The Australian Map Grid Technical Manual

Author Technical Sub-Committee of the National

Mapping Council of Australia

Publisher National Mapping Council of Australia

Publication date 1968-01-01

Edition date

Author

Information source Title The Australian Geodetic Datum Technical Manual

Working Party of the National Mapping Council of

Australia

Publisher National Mapping Council of Australia

Publication date 1985-12-01

Edition date

Data source ISO Geodetic Registry

Remarks Based on the spheroid used by the International Astronomical Union in

1965 and adopted by the National Mapping Council of Australia in April

1965.

Semi-major axis 6378160.0 m Inverse flattening 298.25 m

Item class PrimeMeridian

Name Greenwich

Item status VALID
Identifier 25

Alias Zero meridian

Information source Title Why the Greenwich meridian moved

Author S. Malys, J.H. Seago, N.K. Pavlis, P.K.

Seidelmann, G.H. Kaplan

Publisher Springer International Publishing

Publication date 2015-12

Series/Journal name Journal of Geodesy Issue identification Volume 89, No. 12

Page 1263–1272

Information source Title IERS Conventions (2010)

Author G. Petit, B.J. Luzum (eds)

Publisher Verlag des Bundesamts fur Kartographie und

Geodasie

Publication date 2010

Edition date

Series/Journal name IERS Technical Notes

Issue identification 36.0

Other citation details ISSN: 1019-4568

Data source ISO Geodetic Registry

Greenwich longitude 0.0 °

Item class EllipsoidalCS

Name Ellipsoidal 2D CS. Axes: latitude, longitude.

Orientations: north, east. UoM: degree

Item status VALID

Identifier 43

Information source Title ISO 19111 Geographical information - Spatial

referencing by coordinates

Author International Organization for Standardization

(ISO)

Publisher International Organization for Standardization

(ISO)

Publication date 2007-07-01

Edition Second Edition

Series/Journal name International Standard

Issue identification ISO 19111:2007

Data source ISO Geodetic Registry

Remarks Used in geographic 2D coordinate reference systems. Coordinates

referenced to this CS are in degrees. Any degree representation (e.g. DMSH, decimal, etc.) may be used but that used must be declared for

the user by the supplier of data.

Axes

Data source

Item class CoordinateSystemAxis

Name Geodetic latitude

Item status VALID
Identifier 38

Information source Title ISO 19111 Geographical information - Spatial

referencing by coordinates

Author International Organization for Standardization

(ISO)

Publisher International Organization for Standardization

(ISO)

Publication date 2007-07-01

Edition Second Edition

Series/Journal name International Standard

Issue identification ISO 19111:2007

ISO Geodetic Registry

Remarks Used in geographic 2D and geographic 3D coordinate reference

systems.

Abbreviation Lat
Direction north

Unit degree (supplier to define representation)

Item class CoordinateSystemAxis

Name Geodetic longitude

Item status VALID
Identifier 34

Information source Title ISO 19111 Geographical information - Spatial

referencing by coordinates

Author International Organization for Standardization

(ISO)

Publisher International Organization for Standardization

(ISO)

Publication date 2007-07-01

Edition Second Edition

Series/Journal name International Standard

Issue identification ISO 19111:2007

Data source ISO Geodetic Registry

Remarks Used in geographic 2D and geographic 3D coordinate reference

systems.

Abbreviation Lon
Direction east

Unit degree (supplier to define representation)