

ISO Geodetic Registry

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|---------------------------|--|---|
| <i>Item class</i> | GeodeticCRS | |
| <i>Name</i> | NAD27(MAY76) - LatLon | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 248 | |
| <i>Alias</i> | North American Datum 1927 | |
| <i>Alias</i> | NAD27(MAY76) | |
| <i>Alias</i> | NAD27 | |
| <i>Information source</i> | <i>Title</i> | Test Adjustment of the Canadian Primary Horizontal Network |
| | <i>Author</i> | D.S. Beattie, J.A.R. Blais, M.C. Pinch |
| | <i>Publication date</i> | 1978-04-24 |
| | <i>Series/Journal name</i> | Proceedings of the Second International Symposium on Problems Related to the Redefinition of North American Geodetic Networks, Arlington, VA, April 24-28, 1978 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Scope</i> | Spatial referencing | |
| <i>Datum</i> | North American Datum of 1927 (MAY76) | |
| <i>Coordinate System</i> | Ellipsoidal 2D CS. Axes: latitude, longitude. Orientations: north, east. UoM: degree | |

Extent

| | | |
|--------------------------------|-----------------------------|--------|
| <i>Description</i> | Canada - Ontario. | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | -95.16 |
| | <i>North-bound latitude</i> | 56.9 |
| | <i>East-bound longitude</i> | -74.35 |
| | <i>South-bound latitude</i> | 41.67 |

ISO Geodetic Registry

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|---------------------------|---|---|
| <i>Item class</i> | GeodeticDatum | |
| <i>Name</i> | North American Datum of 1927 (MAY76) | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 155 | |
| <i>Alias</i> | NAD 27 | |
| <i>Alias</i> | NAD27(MAY76) | |
| <i>Alias</i> | NAD27 | |
| <i>Information source</i> | <i>Title</i> | Test Adjustment of the Canadian Primary Horizontal Network |
| | <i>Author</i> | D.S. Beattie, J.A.R. Blais, M.C. Pinch |
| | <i>Publication date</i> | 1978-04-24 |
| | <i>Series/Journal name</i> | Proceedings of the Second International Symposium on Problems Related to the Redefinition of North American Geodetic Networks, Arlington, VA, April 24-28, 1978 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | NAD27(MAY76) used in Ontario for all maps at scale 1/20000 and larger. Replaced by NAD83(Original). | |
| <i>Anchor definition</i> | Fundamental point: Meade's Ranch. Latitude: 39°13'26.686"N, longitude: 98°32'30.506"W (of Greenwich). | |
| <i>Release date</i> | 1976-05-01 | |
| <i>Scope</i> | Spatial referencing | |
| <i>Ellipsoid</i> | Clarke 1866 | |
| <i>Prime Meridian</i> | Greenwich | |

Extent

| | | |
|--------------------------------|-----------------------------|--------|
| <i>Description</i> | Canada - Ontario. | |
| <i>Geographic Bounding Box</i> | <i>West-bound longitude</i> | -95.16 |
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| | |
|---------------------------|---|
| <i>Item class</i> | Ellipsoid |
| <i>Name</i> | Clarke 1866 |
| <i>Item status</i> | VALID |
| <i>Identifier</i> | 28 |
| <i>Information source</i> | <p><i>Title</i> Annual Report of the Superintendent of the Coast and Geodetic Survey for fiscal year ended June 30, 1927</p> <p><i>Author</i> Coast and Geodetic Survey</p> <p><i>Publisher</i> Coast and Geodetic Survey</p> <p><i>Publication date</i> 1927</p> |
| <i>Information source</i> | <p><i>Title</i> Universal Transverse Mercator Grid Tables For Latitudes 0°-80° Clarke 1866 Spheroid (Meters) Volume II</p> <p><i>Author</i> U.S. Army Map Service</p> <p><i>Publisher</i> U.S. Army Map Service</p> <p><i>Publication date</i> 1958-07</p> <p><i>Series/Journal name</i> Technical Manual</p> <p><i>Issue identification</i> TM 5-241-4/2</p> |
| <i>Information source</i> | <p><i>Title</i> Transformation of grid coordinates</p> <p><i>Author</i> U.S. Army Map Service</p> <p><i>Publisher</i> U.S. Army Map Service</p> <p><i>Publication date</i> 1944</p> <p><i>Series/Journal name</i> Army Map Services Bulletin</p> <p><i>Issue identification</i> 7.0</p> |
| <i>Information source</i> | <p><i>Title</i> Annual Report of the Director, United States Coast and Geodetic Survey to the Secretary of Commerce for the Fiscal Year Ended June 30, 1930</p> <p><i>Author</i> US Government</p> <p><i>Publisher</i> Government Printing Office</p> <p><i>Publication date</i> 1930-06-30</p> <p><i>Edition date</i> 1930-06-30</p> <p><i>Page</i> 33.0</p> <p><i>Other citation details</i> NGVD29</p> |
| <i>Information source</i> | <p><i>Title</i> Grids and Grid References</p> <p><i>Author</i> Department of the Army</p> <p><i>Publisher</i> Headquarters, Department of the Army, Washington, DC</p> <p><i>Publication date</i> 1967-06-07</p> <p><i>Series/Journal name</i> Department of the Army Technical Manual</p> <p><i>Issue identification</i> TM 5-241-1</p> |
| <i>Information source</i> | <p><i>Title</i> Universal transverse mercator grid tables. Clarke 1866 (Technical Manual nos. 7, 21, 37), Clarke 1880 (nos. 9, 48), Everest (nos. 11, 49), Bessel (nos. 8, 39), International (no. 6) spheroids</p> <p><i>Author</i> U.S. Army Map Service</p> <p><i>Publisher</i> U.S. Army Map Service</p> <p><i>Publication date</i> 1951</p> |
| <i>Data source</i> | ISO Geodetic Registry |
| <i>Remarks</i> | Original definition a=20926062 and b=20855121 (British) feet. Uses Clarke's 1865 inch-metre ratio of 39.370432 to obtain metres. Metric value then converted to US survey feet for use in the US and international feet for use in Cayman Islands. |
| <i>Semi-major axis</i> | 6378206.4 m |
| <i>Semi-minor axis</i> | 6356583.8 m |

ISO Geodetic Registry

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|----------------------------|-------------------------------|---|
| <i>Item class</i> | PrimeMeridian | |
| <i>Name</i> | Greenwich | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 25 | |
| <i>Alias</i> | Zero meridian | |
| <i>Information source</i> | <i>Title</i> | Why the Greenwich meridian moved |
| | <i>Author</i> | S. Malys, J.H. Seago, N.K. Pavlis, P.K. Seidelmann, G.H. Kaplan |
| | <i>Publisher</i> | Springer International Publishing |
| | <i>Publication date</i> | 2015-12 |
| | <i>Series/Journal name</i> | Journal of Geodesy |
| | <i>Issue identification</i> | Volume 89, No. 12 |
| | <i>Page</i> | 1263–1272 |
| <i>Information source</i> | <i>Title</i> | IERS Conventions (2010) |
| | <i>Author</i> | G. Petit, B.J. Luzum (eds) |
| | <i>Publisher</i> | Verlag des Bundesamts für Kartographie und Geodäsie |
| | <i>Publication date</i> | 2010 |
| | <i>Edition date</i> | |
| | <i>Series/Journal name</i> | IERS Technical Notes |
| | <i>Issue identification</i> | 36.0 |
| <i>Data source</i> | <i>Other citation details</i> | ISSN: 1019-4568 |
| | ISO Geodetic Registry | |
| <i>Greenwich longitude</i> | 0.0 ° | |

ISO Geodetic Registry

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|---------------------------|---|---|
| <i>Item class</i> | EllipsoidalCS | |
| <i>Name</i> | Ellipsoidal 2D CS. Axes: latitude, longitude. Orientations: north, east. UoM: degree | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 43 | |
| <i>Information source</i> | <i>Title</i> | ISO 19111 Geographical information - Spatial referencing by coordinates |
| | <i>Author</i> | International Organization for Standardization (ISO) |
| | <i>Publisher</i> | International Organization for Standardization (ISO) |
| | <i>Publication date</i> | 2007-07-01 |
| | <i>Edition</i> | Second Edition |
| | <i>Series/Journal name</i> | International Standard |
| | <i>Issue identification</i> | ISO 19111:2007 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | 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

| | | |
|---------------------------|---|---|
| <i>Item class</i> | CoordinateSystemAxis | |
| <i>Name</i> | Geodetic latitude | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 38 | |
| <i>Information source</i> | <i>Title</i> | ISO 19111 Geographical information - Spatial referencing by coordinates |
| | <i>Author</i> | International Organization for Standardization (ISO) |
| | <i>Publisher</i> | International Organization for Standardization (ISO) |
| | <i>Publication date</i> | 2007-07-01 |
| | <i>Edition</i> | Second Edition |
| | <i>Series/Journal name</i> | International Standard |
| | <i>Issue identification</i> | ISO 19111:2007 |
| <i>Data source</i> | ISO Geodetic Registry | |
| <i>Remarks</i> | Used in geographic 2D and geographic 3D coordinate reference systems. | |
| <i>Abbreviation</i> | Lat | |
| <i>Direction</i> | north | |
| <i>Unit</i> | degree (supplier to define representation) | |

| | | |
|---------------------------|---------------------------|---|
| <i>Item class</i> | CoordinateSystemAxis | |
| <i>Name</i> | Geodetic longitude | |
| <i>Item status</i> | VALID | |
| <i>Identifier</i> | 34 | |
| <i>Information source</i> | <i>Title</i> | ISO 19111 Geographical information - Spatial referencing by coordinates |
| | <i>Author</i> | International Organization for Standardization (ISO) |

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| | <i>Publisher</i> | International Organization for Standardization (ISO) |
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| | <i>Edition</i> | Second Edition |
| | <i>Series/Journal name</i> | International Standard |
| | <i>Issue identification</i> | ISO 19111:2007 |
| <i>Data source</i> | | ISO Geodetic Registry |
| <i>Remarks</i> | | Used in geographic 2D and geographic 3D coordinate reference systems. |
| <i>Abbreviation</i> | | Lon |
| <i>Direction</i> | | east |
| <i>Unit</i> | | degree (supplier to define representation) |