Item class GeodeticCRS

NAD27(MAY76) - LatLon

Item status VALID
Identifier 248

Alias North American Datum 1927

Alias NAD27(MAY76)

Alias NAD27

Information source Title Test Adjustment of the Canadian Primary

Horizontal Network

Author D.S. Beattie, J.A.R. Blais, M.C. Pinch

Publication date 1978-04-24

Series/Journal name Proceedings of the Second International

Symposium on Problems Related to the Redefinition of North American Geodetic Networks, Arlington, VA, April 24-28, 1978

Data source ISO Geodetic Registry
Scope Spatial referencing

Datum North American Datum of 1927 (MAY76)

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

UoM: degree

#### Extent

Description	Canada - Ontario.	
Geographic Bounding Box	West-bound longitude	-95.16
	North-bound latitude	56.9
	East-bound longitude	-74.35
	South-bound latitude	41.67

Item class GeodeticDatum

North American Datum of 1927 (MAY76)

Item statusVALIDIdentifier155AliasNAD 27

Alias NAD27(MAY76)

Alias NAD27

Information source Title Test Adjustment of the Canadian Primary

Horizontal Network

Author D.S. Beattie, J.A.R. Blais, M.C. Pinch

Publication date 1978-04-24

Series/Journal name Proceedings of the Second International

Symposium on Problems Related to the Redefinition of North American Geodetic Networks, Arlington, VA, April 24-28, 1978

Data source ISO Geodetic Registry

Remarks NAD27(MAY76) used in Ontario for all maps at scale 1/20000 and

larger. Replaced by NAD83(Original).

Anchor definition Fundamental point: Meade's Ranch. Latitude: 39°13'26.686"N,

longitude: 98°32'30.506"W (of Greenwich).

Release date 1976-05-01

Scope Spatial referencing

Ellipsoid Clarke 1866
Prime Meridian Greenwich

#### Extent

Description	Canada - Ontario.	
Geographic Bounding Box	West-bound longitude	-95.16
	North-bound latitude	56.9
	East-bound longitude	-74.35
	South-bound latitude	41.67

Item class Ellipsoid

Name **Clarke 1866** 

Item status **VALID** 28 Identifier

Information source Title Annual Report of the Superintendent of the Coast

and Geodetic Survey for fiscal year ended June

30, 1927

Author Coast and Geodetic Survey Publisher Coast and Geodetic Survey

Publication date 1927

Universal Transverse Mercator Grid Tables For Information source Title

Latitudes 0°-80° Clarke 1866 Spheroid (Meters)

Volume II

**Author** U.S. Army Map Service U.S. Army Map Service Publisher

Publication date 1958-07

Series/Journal name Technical Manual Issue identification TM 5-241-4/2

Title Transformation of grid coordinates Information source

Author U.S. Army Map Service U.S. Army Map Service Publisher

Publication date 1944

Series/Journal name Army Map Services Bulletin

Issue identification 7.0

Information source Annual Report of the Director, United States Title

> Coast and Geodetic Survey to the Secretary of Commerce for the Fiscal Year Ended June 30,

1930

Author **US Government** 

**Government Printing Office** Publisher

Publication date 1930-06-30 Edition date 1930-06-30 Page 33.0 Other citation details NGVD29

Grids and Grid References Information source Title

Publisher

**Author** Department of the Army

> Headquarters, Department of the Army, Washington, DC

Publication date 1967-06-07

Series/Journal name Department of the Army Technical Manual

Issue identification TM 5-241-1

Information source Title 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

U.S. Army Map Service

Author Publisher U.S. Army Map Service

Publication date 1951

Data source ISO Geodetic Registry

Original definition a=20926062 and b=20855121 (British) feet. Remarks

> 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.

6378206.4 m Semi-major axis Semi-minor axis 6356583.8 m

Item class PrimeMeridian

Name Greenwich

Item statusVALIDIdentifier25

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

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

Data source 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)