ISO Geodetic Registry

Item class	GeodeticDatum
Name	**North American Datum of 1927 (CGQ77)**
Item status	VALID
Identifier	164
Alias	NAD27(CGQ77)
Alias	NAD27
Information source	*Title* RE: GSD file
	Author Y. Theriault
	Publisher Service de la geodesie et des leves geospatiaux, Direction de la reference geographique, Direction generale de l'information geospatiale, Ministere de l'Energie et des Ressources naturelles, Gouvernement du Quebec
	Publication date 2017-03-01
	Other citation details Personal email communication.
Data source	ISO Geodetic Registry
Remarks	Used in Quebec for all maps at scale 1/20 000 and larger; generally for maps issued by the Quebec cartography office whose reference system is CGQ77. 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	1977-05-01
Scope	Spatial referencing
Ellipsoid	Clarke 1866
Prime Meridian	Greenwich

Extent

Description	**Canada - onshore and offshore - Quebec.**	
Geographic Bounding Box	West-bound longitude	-79.85
	North-bound latitude	62.62
	East-bound longitude	-57.1
	South-bound latitude	44.99

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Item class	Ellipsoid	
Name	**Clarke 1866**	
Item status	VALID	
Identifier	28	
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
Information source	Title	Universal Transverse Mercator Grid Tables For Latitudes 0°-80° Clarke 1866 Spheroid (Meters) Volume II
	Author	U.S. Army Map Service
	Publisher	U.S. Army Map Service
	Publication date	1958-07
	Series/Journal name	Technical Manual
	Issue identification	TM 5-241-4/2
Information source	Title	Transformation of grid coordinates
	Author	U.S. Army Map Service
	Publisher	U.S. Army Map Service
	Publication date	1944
	Series/Journal name	Army Map Services Bulletin
	Issue identification	7.0
Information source	Title	Annual Report of the Director, United States Coast and Geodetic Survey to the Secretary of Commerce for the Fiscal Year Ended June 30, 1930
	Author	US Government
	Publisher	Government Printing Office
	Publication date	1930-06-30
	Edition date	1930-06-30
	Page	33.0
	Other citation details	NGVD29
Information source	Title	Grids and Grid References
	Author	Department of the Army
	Publisher	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
	Author	U.S. Army Map Service
	Publisher	U.S. Army Map Service
	Publication date	1951
Data source	ISO Geodetic Registry	
Remarks	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.	
Semi-major axis	6378206.4 m	
Semi-minor axis	6356583.8 m	

ISO Geodetic Registry

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 °	