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Town of Conception Bay South - Aerial Photography	17-Jun-07	7
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Red = Recent Page Update

<i>Service Description</i>	NL Provincial Topographic Base Mapping.	<i>Page 2</i>
<i>Layers in MapsNL applications</i>	Primarily used in <i>Map Viewer</i> . Selected layers used elsewhere.	
<i>URL</i>	http://smd.lands.gov.nl.ca/wmsconnector/com.esri.wms.Esrimap?ServiceName=SMD_Resource_Maps	
<i>Data Owner / Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>WMS Service Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>SRS</i>	EPSG:32621 or EPSG:26921	
<i>Scale / Alignment</i>	Various scales	
<i>Last Data Update</i>		

Layers:

*Multiple layers. See WMS Capabilities. Contact Allan Chafe at NL SMD for detailed information.
Email: achafe@gov.nl.ca*

This Page Updated: November 23, 2008

<i>Service Description</i>	NL Geodetic Survey Control Monuments	<i>Page 3</i>
<i>Layers in MapsNL applications</i>	Source data used in <i>Air Photo Index Viewer</i> (at large scales). Users should verify currency with SMD.	
<i>URL</i>	http://smd.lands.gov.nl.ca/wmsconnector/com.esri.wms.Esrimap?ServiceName=SMD_Geodetic_Control	
<i>Data Owner / Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>WMS Service Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division. Contact: Allan Chafe at SMD. Email: achafe@gov.nl.ca	
<i>SRS</i>	EPSG: 4326, 4267, 4269	
<i>Scale / Alignment</i>		

Layers

<i>Survey Control Monuments</i>	<i>Type</i>	Point
	<i>Queryable</i>	Yes
	<i>Scale Dependency</i>	
	<i>Annotation</i>	Yes (Monument Number)
	<i>Annotation Scale</i>	
	<i>Last Data Update</i>	

This Page Updated: November 23, 2008

Service Description

NL Topographic Map Index

Page 4

URL

N/A

Comments

This WMS is no longer available. It may be re-established if there is sufficient client demand. Please contact SMD if you require this information as a WMS. PLEASE NOTE that you may view the current NL Topographic Map Index in the *Map Viewer* and *Air Photo Index Viewer* applications.

Data Owner / Manager

Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.

WMS Service Manager

Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.

SRS

EPSG:

Scale / Alignment

N/A

Layers

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This Page Updated: November 23, 2008

<i>Service Description</i>	Black & White Orthophoto Mosaic (aerial photography) of the Baie Verte Peninsula area of the Island of Newfoundland.	<i>Page 5</i>
<i>Layers in MapsNL applications</i>	Air Photo 2000 - North Central Newfoundland (Map Viewer), Baie Verte Peninsula 2000 B&W (Roads & Towns)	
<i>URL</i>	http://geonl.ca/cgi-bin/NLAirPhoto?	
<i>Comments:</i>	Year 2000 B+W Orthophotography. Coverage is approx. 2,600 Square Kilometres. See coverage diagram below.	
<i>Data Owner / Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>WMS Service Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>Supported SRSs</i>	EPSG:32181, 32182, 32183, 32184, 32185, 32186, 26919, 26920, 26921, 26922, 32619, 32620, 32621, 32622, 4269, 4326	
<i>Scale / Alignment</i>	Positional Accuracy < 5m.	

Layers		
<i>Baie_Verte_Air_Photo_2000</i>	<i>Data Type</i>	Raster
	<i>Raster Type</i>	256 Greyscale
	<i>Resolution (ground pixel)</i>	Mostly 0.6 metre. Some 1.0 metre at the northern extent.
	<i>Queryable</i>	no
	<i>Scale Dependency</i>	none
	<i>Annotation</i>	no
	<i>Annotation Scale</i>	n/a
	<i>Last Data Update</i>	2000

This Page Updated: November 05, 2006

<i>Service Description</i>	Black & White Orthophoto Mosaic (aerial photography) of the Notre Dame Bay / Green Bay area of the Island of Newfoundland.	<i>Page 6</i>
<i>Layers in MapsNL applications</i>	Air Photo 2000 - North Central Newfoundland (Map Viewer), North Central Nfld 2000 B&W (Roads & Towns)	
<i>URL</i>	http://geonl.ca/cgi-bin/NLAirPhoto2?	
<i>Comments:</i>	Year 2000 B+W Orthophotography. Coverage is approx. 5,700 Square Kilometres. See coverage diagram below.	
<i>Data Owner / Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>WMS Service Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>Supported SRSs</i>	EPSG:32181, 32182, 32183, 32184, 32185, 32186, 26919, 26920, 26921, 26922, 32619, 32620, 32621, 32622, 4269, 4326	
<i>Scale / Alignment</i>	Positional Accuracy < 5m.	

Layers		
<i>North_Central_Air_Photo_2000</i>	<i>Data Type</i>	Raster
	<i>Raster Type</i>	256 Greyscale
	<i>Resolution (ground pixel)</i>	0.6 metre
	<i>Queryable</i>	no
	<i>Scale Dependency</i>	none
	<i>Annotation</i>	no
	<i>Annotation Scale</i>	n/a
	<i>Last Data Update</i>	2000



This Page Updated: November 05, 2006

<i>Service Description</i>	High Resolution Colour Orthophoto (aerial photography) of the Town of Conception Bay South area, Avalon Peninsula, Island of Newfoundland.	<i>Page 7</i>
<i>Layers in MapsNL applications</i>	Air Photo 2005 - Town of Conception Bay South (Map Viewer), Conception Bay South 2005 colour (Roads & Towns)	
<i>WMS URL</i>	http://geonl.ca/cgi-bin/CBS_AirPhoto_2005?	
<i>Comments:</i>	Year 2005 Colour Orthophotography. Resolution: 25cm. See coverage diagram below.	
<i>Data Owner / Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>WMS Service Manager</i>	Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.	
<i>Supported SRSs</i>	EPSG:32181, 32182, 32183, 32184, 32185, 32186, 26919, 26920, 26921, 26922, 32619, 32620, 32621, 32622, 4269, 4326	
<i>Scale / Alignment</i>	Resolution: 25cm.; Positional Accuracy < 1m	

Layers		
<i>CBS_AirPhoto_2005</i>	<i>Data Type</i>	Raster
	<i>Raster Type</i>	RGB Colour
	<i>Resolution (ground pixel)</i>	0.25 metre
	<i>Queryable</i>	no
	<i>Scale Dependency</i>	none
	<i>Annotation</i>	no
	<i>Annotation Scale</i>	n/a
	<i>Last Data Update</i>	2005

This Page Updated: June 17, 2007

Service Description

National Atlas of Canada

Page 8

Layers in MapsNL applications

Background images (Map Viewer)

URL

http://atlas.gc.ca/cgi-bin/atlaswms_en

SRS

Various

Scale / Alignment

Various scales

Layers:

See "The Atlas of Canada" Website -

http://atlas.nrcan.gc.ca/site/english/dataservices/web_map_service.html

This Page Updated: October 24, 2006

<i>Service Description</i>	National Road Network - NL Version (NLRN) <i>Page 9</i>
<i>Layers in MapsNL applications</i>	Source data is used throughout. Presentation varies as compared to this WMS.
<i>URL</i>	http://geonl.ca/cgi-bin/NL_NRN?
<i>Comments:</i>	Newfoundland and Labrador, Canada, Road Network (NLRN). Based on the National Road Network (NRN) of Canada (Spec: V.2) with Province of NL enhancements. This service does not contain Ferry Routes or Blocked Passages.
<i>Supported SRSs</i>	EPSG:32181, 32182, 32183, 32184, 32185, 32186, 26919, 26920, 26921, 26922, 32619, 32620, 32621, 32622, 4269, 4326, 42304
<i>Scale / Alignment</i>	Large scale. Better than 10 m. accuracy. Does not align with 1:50,000 NTS.

Layers	
NL Roads (Classified and Symoloized)	<i>Type</i> Line
	<i>Queryable</i> yes
<i>Scale Dependencies</i>	Trans Canada Highway 1:1 to 1:6,000,000
	Expressway / Highway and Freeway 1:1 to 1:3,000,000
	Collector 1:1 to 1:100,000
	All other roads (eg. Local / Streets) 1:1 to 1:30,000
	<i>Annotation</i> no
	<i>Annotation Scale</i> n/a
	<i>Last Data Update</i> Nov. 07, 2008

This Page Updated: November 18, 2008

Layers in MapsNL applications

Source data is used throughout. Presentation and currency varies as compared to this WMS.

URL

http://geonl.ca/cgi-bin/NL_NAMES?

Comments:

Point toponymy (geographic names) for the province of Newfoundland and Labrador (NL), Canada comprising 6 layers based on the Canadian Geographical Names Database Records Manual (CGNDB/RM), Section 10.7.1, Generic Codes - Numeric Listing, revised 25 October 2004. This service includes nearly 40,000 feature names. 2001 census data was added to the POPULATED PLACES layer, as acquired from the NL Government website.

Data Owner / Manager

Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.

WMS Service Manager

Govt. of NL, Canada, Department of Environment and Conservation, Lands Branch, Surveys and Mapping Division.

Supported SRSs

EPSG:32181, 32182, 32183, 32184, 32185, 32186, 26919, 26920, 26921, 26922, 32619, 32620, 32621, 32622, 4269, 4326, 42304

Scale / Alignment

1:50,000 NTS

Layers**Populated Places**

	Type	Point	
	Queryable	Yes	
Classifications and Scale Dependencies Classified on 2001 Population e.g. > 20,000	Cities	> 20,000	All Scales
	Large Towns	> 5,500 and <= 20,000	1:1 to 1:13,000,000
	Small Towns	>1,000 and <= 5,500	1:1 to 1:1,250,000
	Very Small Towns	<= 1,000	1:1 to 1:400,000
	No Census Data	n/a	1:1 to 1:25,000
	Annotation	Yes	
	Annotation Scale	As above	
	Last Data Update	Nov. 15, 2005	

Administrative Names

	Type	Point	
No Classification	Queryable	Yes	
	Scale Dependency	1:1 to 1:1,000,000	
	Annotation	Yes	
	Annotation Scale	As above	
	Last Data Update	30-Oct-08	

Water Features

	Type	Point	
No Classification	Queryable	Yes	
	Scale Dependency	1:1 to 1:75,000	
	Annotation	Yes	
	Annotation Scale	As above	
	Last Data Update	30-Oct-08	

Terrain Features

	Type	Point	
No Classification	Queryable	Yes	
	Scale Dependency	1:1 to 1:75,000	
	Annotation	Yes	
	Annotation Scale	As above	
	Last Data Update	30-Oct-08	

Vegetation Features

	Type	Point	
No Classification	Queryable	Yes	
	Scale Dependency	1:1 to 1:75,000	
	Annotation	Yes	
	Annotation Scale	As above	
	Last Data Update	30-Oct-08	

Constructed Features

	Type	Point	
No Classification	Queryable	Yes	
	Scale Dependency	1:1 to 1:250,000	
	Annotation	Yes	
	Annotation Scale	As above	
	Last Data Update	30-Oct-08	

Layers in MapsNL applications Background Image / Shaded Relief Map (Map Viewer)

URL <http://geonl.ca/cgi-bin/GEOBASEDEM?>

Comments Two resolutions (see *Layers* below). This service must run in an application window that does not exceed 800 pixels in width.

Data Owner Government of Canada

Data Manager www.GeoBase.ca

WMS Manager This service is a subset of a GeoBase WMS and is managed by NL Surveys and Mapping Division.

SRS Various

Scale / Alignment 1:50,000 and 1:250,000

Layers:

DNEC 1:250000 / CDED 1:250000 1:250,000 scale	<i>Type</i>	Raster
	<i>Queryable</i>	no
	<i>Scale Dependency</i>	yes (details not available)
	<i>Annotation</i>	no
	<i>Annotation Scale</i>	n/a
	<i>Last Data Update</i>	unknown
DNEC 1:50000 / CDED 1:50000 1:50,000 scale Coverage may be partial	<i>Type</i>	Raster
	<i>Queryable</i>	no
	<i>Scale Dependency</i>	yes (details not available)
	<i>Annotation</i>	no
	<i>Annotation Scale</i>	n/a
	<i>Last Data Update</i>	unknown

This Page Updated: November 05, 2006