

# **SATELLITES AND SETTLEMENTS**

**Ronald J. Brown**

**Useful Universal Resource Locators (URLs)**

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# Useful Universal Resource Locators (URLs)

## Satellite Data

**Google Earth:** [www.maps.google.com](http://www.maps.google.com)

This is quite an impressive site with satellite imagery of the world at resolutions ranging from 30 metres to less than a metre. However, it is recommended that you download Google Earth from this site and install it on your computer instead of running Google Maps directly from this website.

**GeoConnections:**

<http://www.geoconnections.org/CGDI.cfm/fuseaction/aboutGcs.welcome/gcs.cfm>

“GeoConnections is a national Canadian partnership program to evolve and expand the Canadian Geospatial Data Infrastructure (CGDI). The CGDI provides Canadians with on-demand access to geographic information (e.g. maps, satellite images) and related services and applications in support of sound decision making” (from the GeoConnections website)

This site has connections to satellite data of Canada that may be downloaded free of charge.

**GeoGratis:** <http://geogratias.cgdi.gc.ca/clf/en>

This is the site Canadian website where one can download the satellite data mentioned above (GeoConnections).

**CIS:** <http://members.shaw.ca/davepatton/landsat7.html>

This site has good explanations of many of the terms related to Earth Observation and links to many of the URL's that are in this handout (for the satellite side)

**GeoBase:** <http://www.geobase.ca/>

GeoBase is a federal, provincial and territorial government initiative to ensure the provision of, and access to, a common, up-to-date geospatial data for all of Canada.

**United States Geological Survey (USGS):** <http://edc.usgs.gov/>

This site has a large range of data available from the USGS.

**NASA: Stennis Centre:** <https://zulu.ssc.nasa.gov/mrsid/>

This site has worldwide satellite data available for download.

**NASA World Wind:** <http://worldwind.arc.nasa.gov>

An interesting site where you can cruise around the world and, if you feel like it, you can cruise around Mars, the Moon, Venus, or Jupiter as well.

**Virtual Earth:** <http://www.viavirtualearth.com/VVE/Dashboard/Default.ashx>

“The Virtual Earth Platform is Microsoft’s next generation mapping and location service. Virtual Earth powers Windows Live Local, Microsoft’s online local search and mapping website” (from the Microsoft Virtual Earth website)

**Windows Live Local:** <http://local.live.com>

This is the Microsoft Local Live site for on-line local search and mapping service. The underlying imagery is global Landsat imagery supplemented by high resolution air photography in the USA (high resolutions data for Canada will be implemented in the future)

## Airphotos

**Website with Links to Airphotos sites:**

[http://ilmbwww.gov.bc.ca/bmgs/catalog/air\\_photo\\_canada\\_usa.htm](http://ilmbwww.gov.bc.ca/bmgs/catalog/air_photo_canada_usa.htm)

**National Air Photo Library (Canada):** [http://airphotos.nrcan.gc.ca/photos\\_e.php](http://airphotos.nrcan.gc.ca/photos_e.php)

### Provinces and Territories

**British Columbia:** <http://ilmbwww.gov.bc.ca/bmgs/catalog/links.htm>

**Alberta:** [http://www.srd.gov.ab.ca/land/g\\_airphotos.html](http://www.srd.gov.ab.ca/land/g_airphotos.html)

**Saskatchewan:** <http://www.geomatics.isc-online.ca/hardcopy.htm>

**Manitoba:** <http://app.gov.mb.ca/>

**Ontario:** (multiple sources: check the web)

**Quebec:** <http://photocartotheque.mrnfp.gouv.qc.ca/pcq/classes/accueil>

**New Brunswick:** <http://www.snb.ca/e/1000/1002e.asp>

**Prince Edward Island:** <http://www.gov.pe.ca/aerial/index.php3>

**Nova Scotia:**

<http://www.gov.ns.ca/snsmr/404.asp?404;http://www.gov.ns.ca/snsmr/land/product/air2.asp>

**Newfoundland:** <http://www.env.gov.nl.ca/env/lands/sm/>

**Northwest Territories:** <http://nwtrcs.rwed-q.gov.nt.ca/RemoteSensing/avhrr/default.asp>

**Nunavut:** <http://www.gov.nu.ca/Nunavut/English/departments/DSD/>

**Yukon:** <http://www.emr.gov.yk.ca/library/default.htm>

**United States: USGS:** <http://edc.usgs.gov/>

There are airphotos also available for many locations in Europe (easily located with a web browser).

## Software

**Fugawi:** <http://www.fugawi.com/>

Distributed in Canada through Prairie Geomatics: <http://www.prairie.mb.ca/>

Fugawi Global Navigator is a navigational system that uses the Global Positioning System (GPS). With Fugawi, you can create digital maps from any scanned map or existing map database. In real-time navigation mode, your exact position is displayed on the map as you move and new maps are automatically loaded as you travel to new areas.

If you would like a digital copy of this file, please contact me at:

[R.J.Brown@sympatico.ca](mailto:R.J.Brown@sympatico.ca)