

GeoBase Orthoimage 2005-2010 provides orthoimagery derived from SPOT 4 and 5 satellite data. Approximately 5,000 images will be acquired between 2005 and 2010, providing complete coverage of Canada south of the 81<sup>st</sup> parallel.

Availability of the SPOT 4 and 5 orthoimagery was made possible (with the support of GeoConnections) through collaborative agreements among Natural Resources Canada, Agriculture and Agri-Food Canada, Environment Canada, Parks Canada, Public Safety Canada, provincial and territorial governments.

### Uses

The GeoBase SPOT 4 and 5 orthoimagery can be used in a wide variety of applications including: mapping; agriculture; forestry; geology; land use planning and management; maritime monitoring; disaster management and mitigation; and in defence, intelligence, and security.

GeoBase SPOT orthoimagery is aligned with, and can be integrated with, other GeoBase data layers such as the road network, the hydro network, and the digital elevation data. It can also be used in combination with other remotely sensed data.

### Characteristics

GeoBase SPOT 4 and 5 orthoimagery is composed of:

- a black and white (panchromatic) band with 10 m resolution,
- three colour (multispectral) bands with 20 m resolution, and
- one short-wave infrared band with 20 m resolution.

It is available in GeoTIFF format.

A map index and technical specifications are published on the GeoBase website.



Vancouver, BC (Panchromatic)



Vancouver, BC (Infrared)



Vancouver, BC (Multispectral)