SVALBARD, SPITSBERGEN

SATELLITE ORTHOPHOTOMAP

Wedel Jarlsberg Land, Torell Land, Sørkapp Land

SATELLITE ORTHOPHOTOMAP

of a part of South Spitsbergen, Svalbard

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LEGEND

The ice-cliff (or front) positions of selected glaciers in different periods are marked by various colours. The data was taken from topographic maps 1:100 000 (sheets B11, B12, C12 and C13) edited by NPI and from the results of the terrestrial and aerial photogrammetric measurements carried out by the Polish expeditions (C.Lipert, L.Kolondra)

- Land surface
- Sea waters
- Snow on land
- Snow on glaciers
- Glacier bare ice
- Glacier crevasses
- Supraglacial lakes
- Lakes and ponds on land
- Tundra vegetation
- Moraines
- Glacier turbid waters on the sea
- Clouds

The map is based on the ASTER images: AST 14 OTH-00307182005115722, AST 14 OTH-00307182005115713 and AST 14 OTH-00307232005121537, acquired on 18 July and 23 July 2005. RGB compositions of bands 3, 2, 1. Orthorectification processed by the USGS-Centre for EROS.

A small area in the west part of the map was compiled from orthoimages based on the aerial photographs S-90 (Norwegian Polar Institute - joint project "Werenskioldbreen Orthophotomap").

Selected geographical place names are introduced after the topographic maps of Svalbard (1:100 000) - sheets B11, B12, C12, C13 and "The Place Names of Svalbard", (Rapportserie nr 122, March 2003, Norwegian Polar Institute).

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SOSNOWIEC 2010

SvalGlac

ESF Project

Datum: WGS 84, UTM Zone 33X

Scale 1:100 000

1000 m 0 5 km 10 km

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