

EUREF related activities in Belgium

Report based on contributions of:



National Geographic Institute



Royal Observatory of Belgium

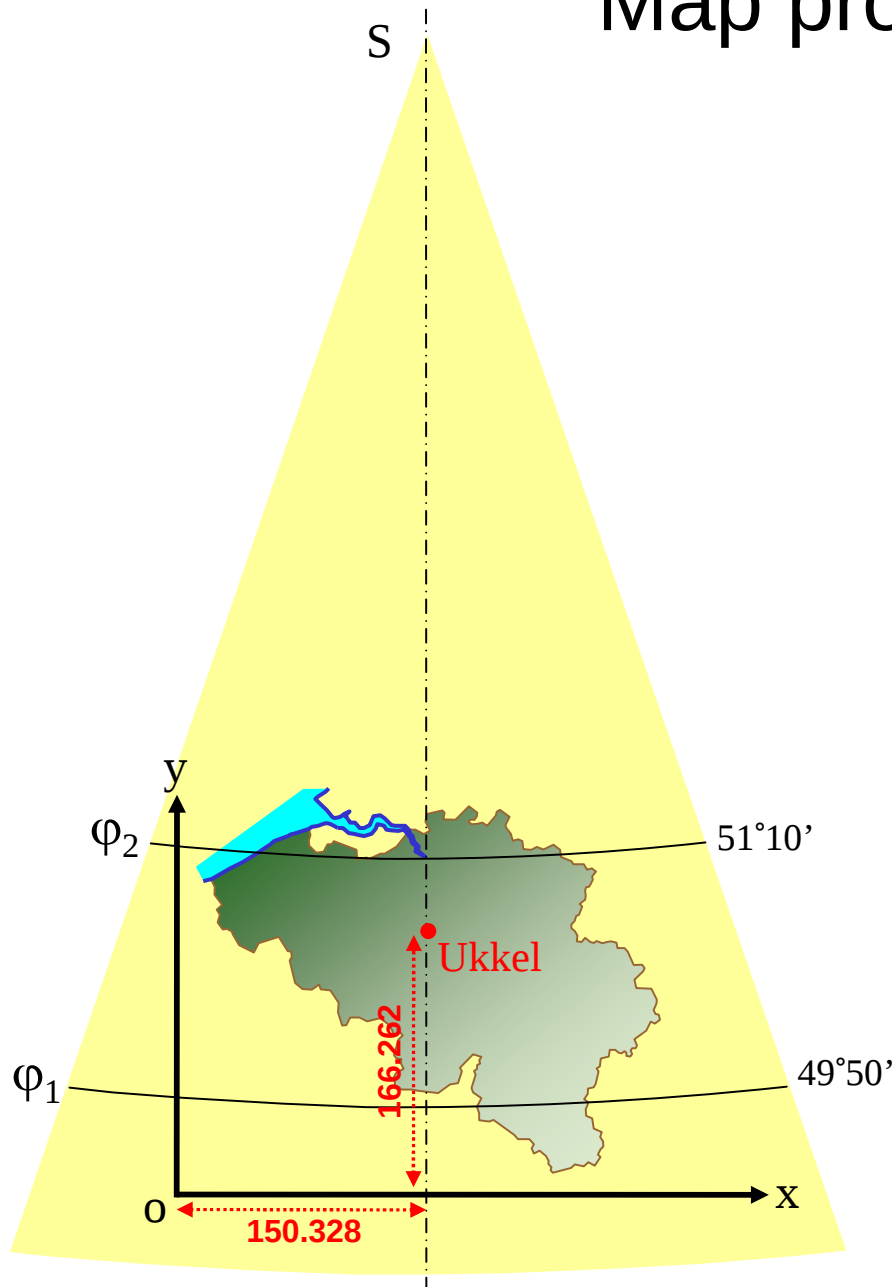


Agency for Geographical Information Flanders

Topics:

- National map projection LB05
- Contribution to the EPN
- Ongoing research

Map projection Lambert 2005



Based on Geodetic datum ETRS89
using Ellipsoïde GRS 80

Conformal conic Lambert projection
with 2 parallels

Standard parallels

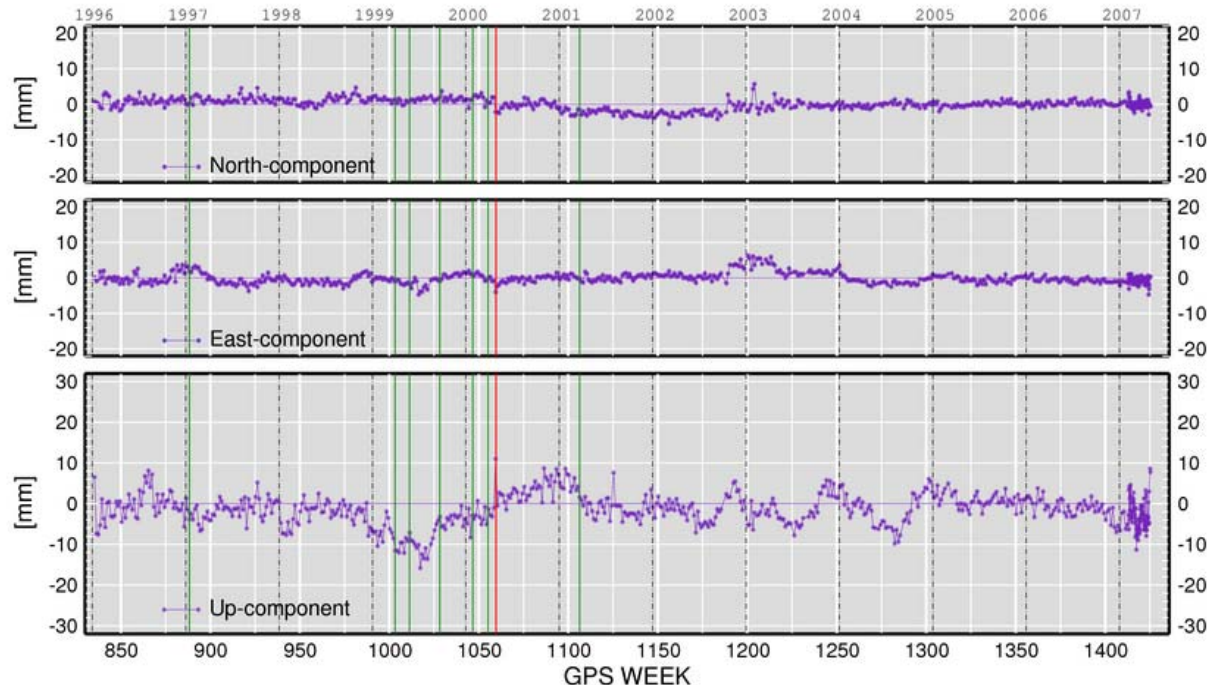
φ_1	$49^\circ 50' \text{ N}$
φ_2	$51^\circ 10' \text{ N}$

Origin

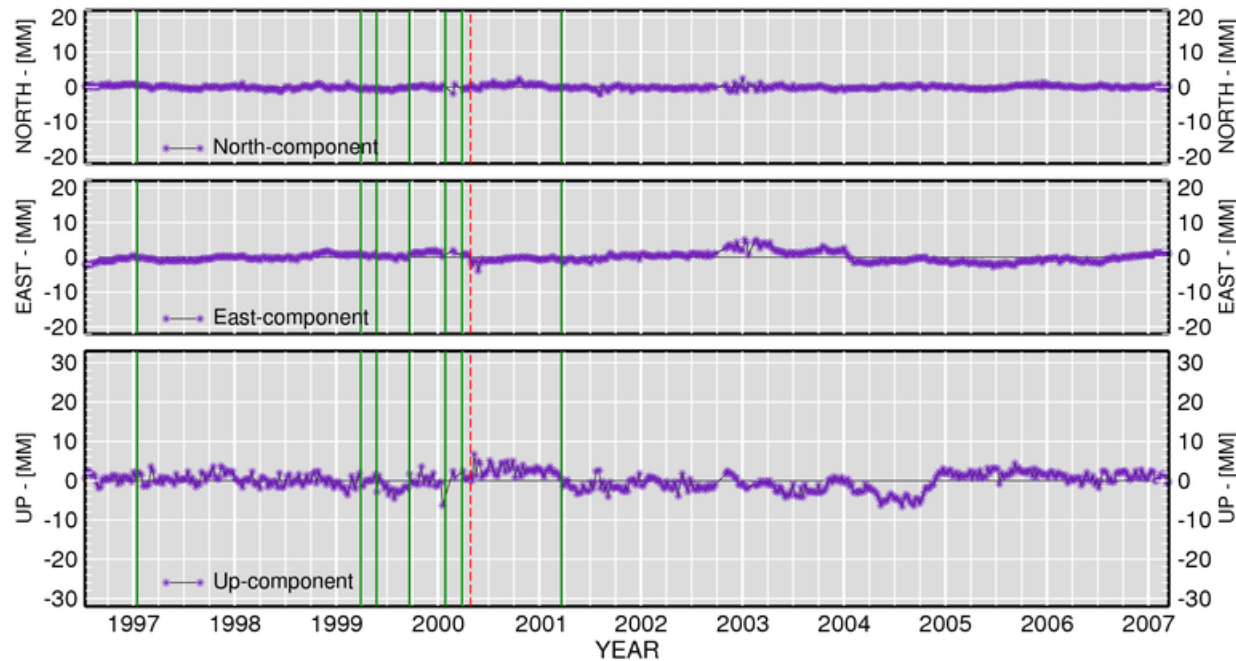
latitude origin	$50^\circ 47' 52'' 134 \text{ N}$
central meridian	$4^\circ 21' 33'' 177 \text{ E}$

False easting and northing

x_0	$150\,328,0 \text{ m}$
y_0	$166\,262,0 \text{ m}$



BRUS_13101M004



Repeatabilities

North: 1.5 mm

East: 1.5 mm

Up: 4.2 mm

After reprocessing

North: 0.5 mm

East: 1.3 mm

Up: 2.1 mm