

EUREF related activities in Belgium

Report based on contributions of:



National Geographic Institute



Royal Observatory of Belgium



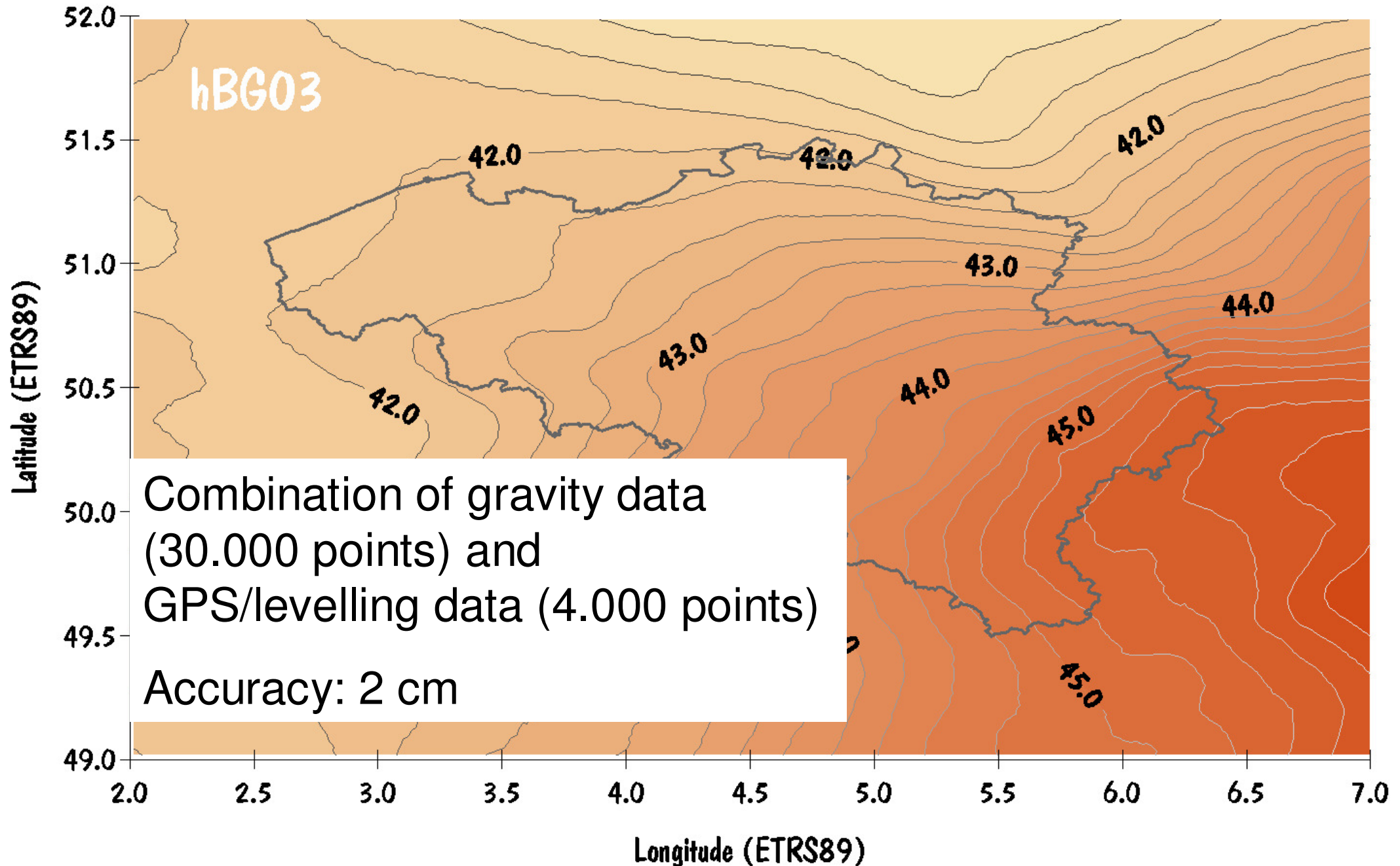
Support centre GIS Flanders



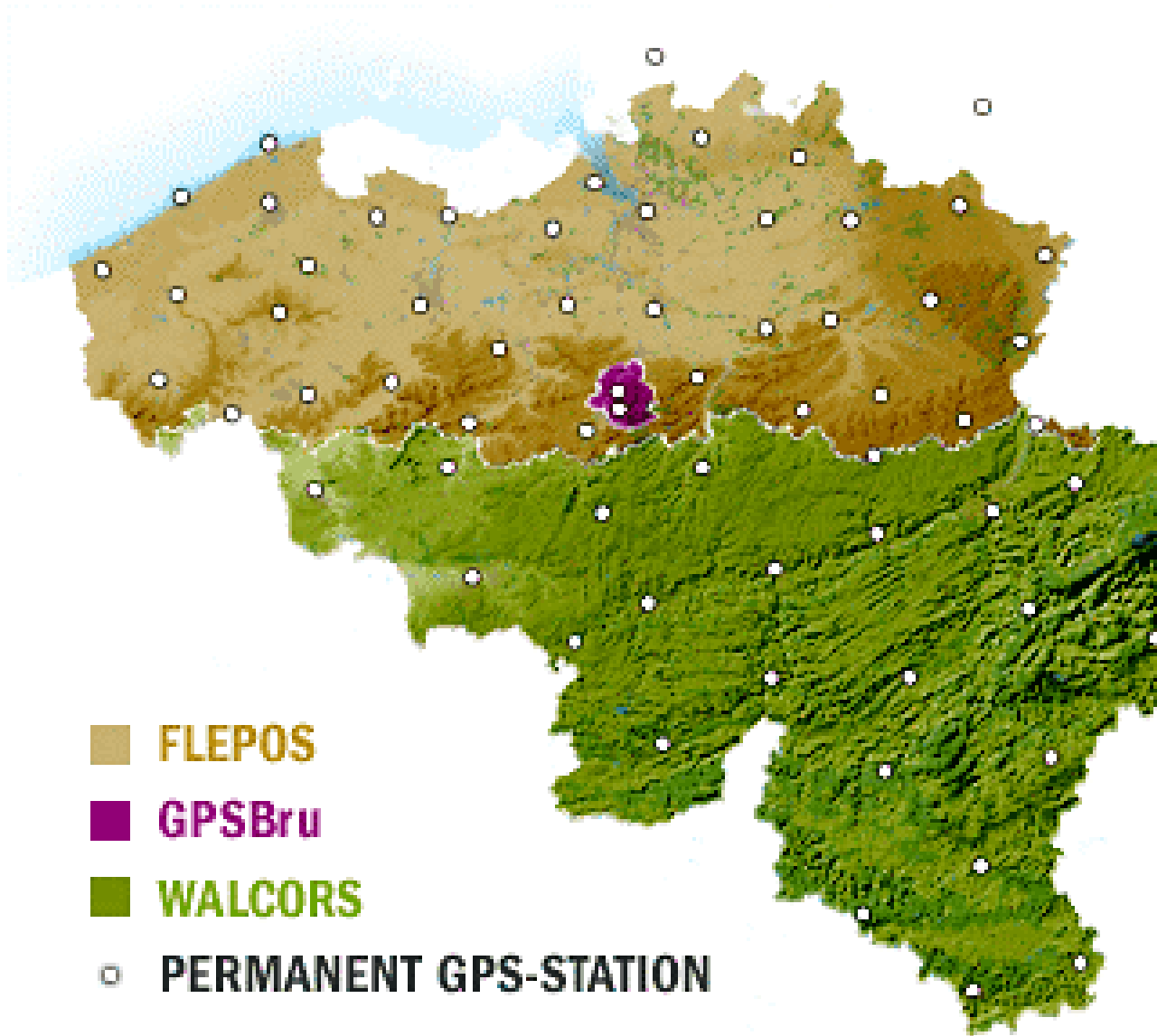
D432

Walloon Ministry of Infrastructure and
Transportation

Height conversion surface hBG03



RTK networks



Set up by regional administrations

Services

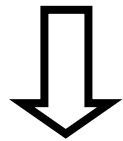
(free of charge):

- RTK via mobile phone
- DGPS via DAB
- Rinex data via Internet

Initial coordinates and weekly solutions derived from network with 7 EPN stations

Space Weather

TEC is monitored in
real time
+ EPN data



Near real-time
influence of
ionospheric
conditions on
GPS applications

Ionospheric Small-Scale Variability over Belgium

Date	Hour (UTC)	Total Events	Total Intensity
20/11/2003	23-24	7.0	16.0
20/11/2003	22-23	11.0	35.0
20/11/2003	21-22	9.0	38.0
20/11/2003	20-21	11.0	50.0
20/11/2003	19-20	5.0	38.0
20/11/2003	18-19	9.0	56.0
20/11/2003	17-18	10.0	53.0
20/11/2003	16-17	19.0	62.0
20/11/2003	15-16	20.0	79.0
20/11/2003	14-15	18.0	48.0
20/11/2003	13-14	14.0	35.0
20/11/2003	12-13	3.0	4.0
20/11/2003	11-12	7.0	13.0
20/11/2003	10-11	5.0	6.0
20/11/2003	09-10	1.0	1.0
20/11/2003	08-09	0.0	0.0
20/11/2003	07-08	0.0	0.0
20/11/2003	06-07	0.0	0.0
20/11/2003	05-06	0.0	0.0
20/11/2003	04-05	0.0	0.0
20/11/2003	03-04	0.0	0.0
20/11/2003	02-03	0.0	0.0
20/11/2003	01-02	0.0	0.0
20/11/2003	00-01	0.0	0.0

View the RTK product from previous days here (last 30 days available):

0 ▾

Show

Here follow the gradient color scale:

Quiet	Strong	Severe	Extreme
0-5	5-19	19-49	>49

[Click here if you to see a helpfull description of the product](#)