EGNOS Visibility Maps

Organised by: EU Space Programme:

Under the auspices of: CAPERNICUS EGNOS GALILEO
EGNOS visibility maps

• EGNOS is available over all Europe, but the terrain orography could affect the visibility of EGNOS satellites.

• Provides support to users to identify EGNOS “shadow areas”
EGNOS visibility maps

• Visualization of natural areas.
• Map based on the Digital Elevation Model over Europe (Copernicus Programme)

https://egnos-user-support.essp-sas.eu/new_egnos_ops/resources-tools/egnos-visibility-maps
EGNOS visibility maps - Visualization

- Maps can be zoomed in and out, allowing 3D view.

- Possible to select shadow areas for one GEO or for both
EGNOS visibility maps- Switzerland

PRN 123

PRN 136

Combined PRN 123 and 136
EGNOS visibility city maps

- Focused in urban areas
- Map computed using a city model based on OpenStreetMap

https://egnos-user-support.essp-sas.eu/new_egnos_ops/resources-tools/egnos-visibility-city-map
EGNOS visibility city maps - Brussels

PRN 123

PRN 136
User survey

• Were you aware of this free tool?
• Do you find easy the use?
• Is there anything you miss in the visualization?
• In case you use it, do you process it before or after data campaign?

https://egnos-user-support.essp-sas.eu/new_egnos_ops/resources-tools/egnos-visibility-maps
Linking space to user needs

How to get in touch:

www.GSA.europa.eu

EGNOS-portal.eu

GSC-europa.eu

UseGalileo.eu

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