

National report of France







National geodetic infrastructure

GNSS permanent network (RGP | http://rgp.ign.fr)







333 stations (31/05/2012):

- More than 80% are GPS/GLONASS
- ➤ 25 IGN stations (8 with full GNSS capabilities, all by the end of 2013)
- ➤ 25 EPN stations (2 are currently proposed, ILDX and CORT), 10 IGS stations
- 8 stations are EUREF-IP



National geodetic infrastructure

Scientific leveling network (NIREF)









IGN

National geodetic infrastructure

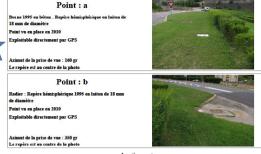
Réseau Géodésique Français

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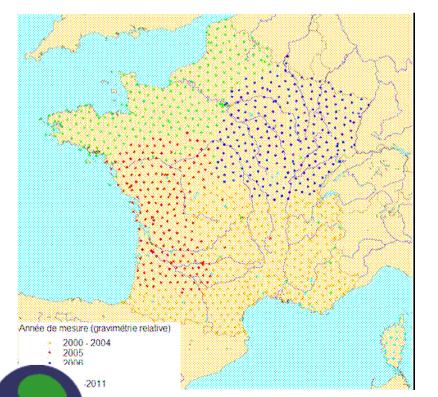
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eurst

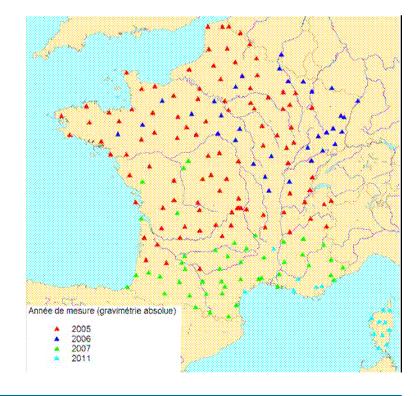
Gravimetric reference network









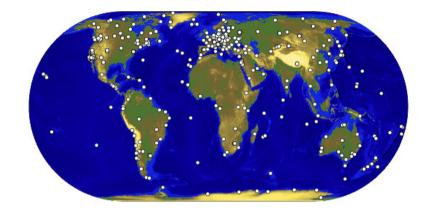




Contributions to the global geodetic infrastructure

IAG services and commissions

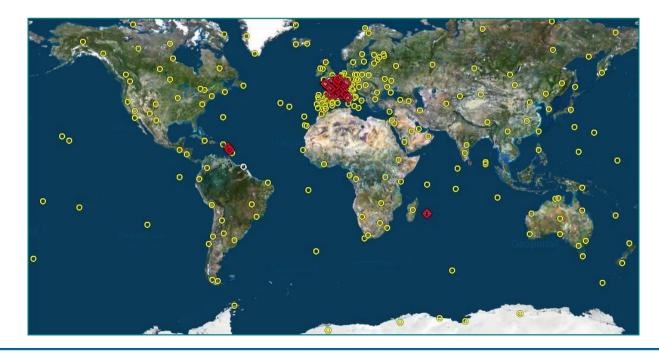
- ➤ IGS (International GPS-GNSS Service)
 - Data center
 - IGS reference frame coordinator



- ➤ IDS (International Doris Service):
 - o Data center

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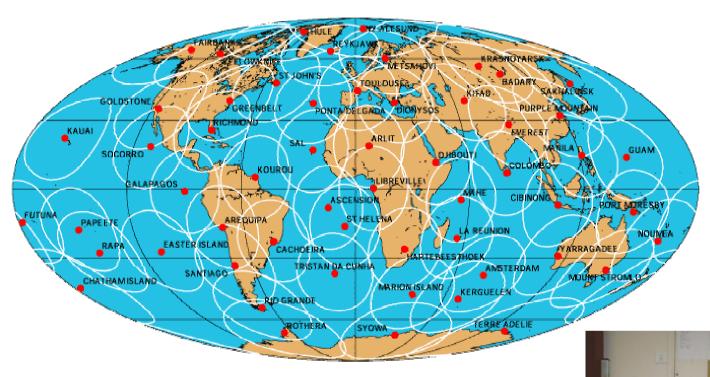
- Analysis center
- Local data center





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Contributions to the global geodetic infrastructure The DORIS network









Contributions to the global geodetic infrastructure REGINA project REseau Gnss pour l'IGS et la NAvigation







Contributions to the global geodetic infrastructure **GRSP**

Galileo Reference Service Provider

IGN contribution to the Galileo terrestrial reference frame :

- ➤ SGN: weekly combined solution (AIUB, ESA, GFZ)
- ➤ LAREG: GTRF (times series, cumulative solution aligned to the ITRF)

