# Status of Strasbourg (France) and Djougou (Benin) superconducting gravimeter stations

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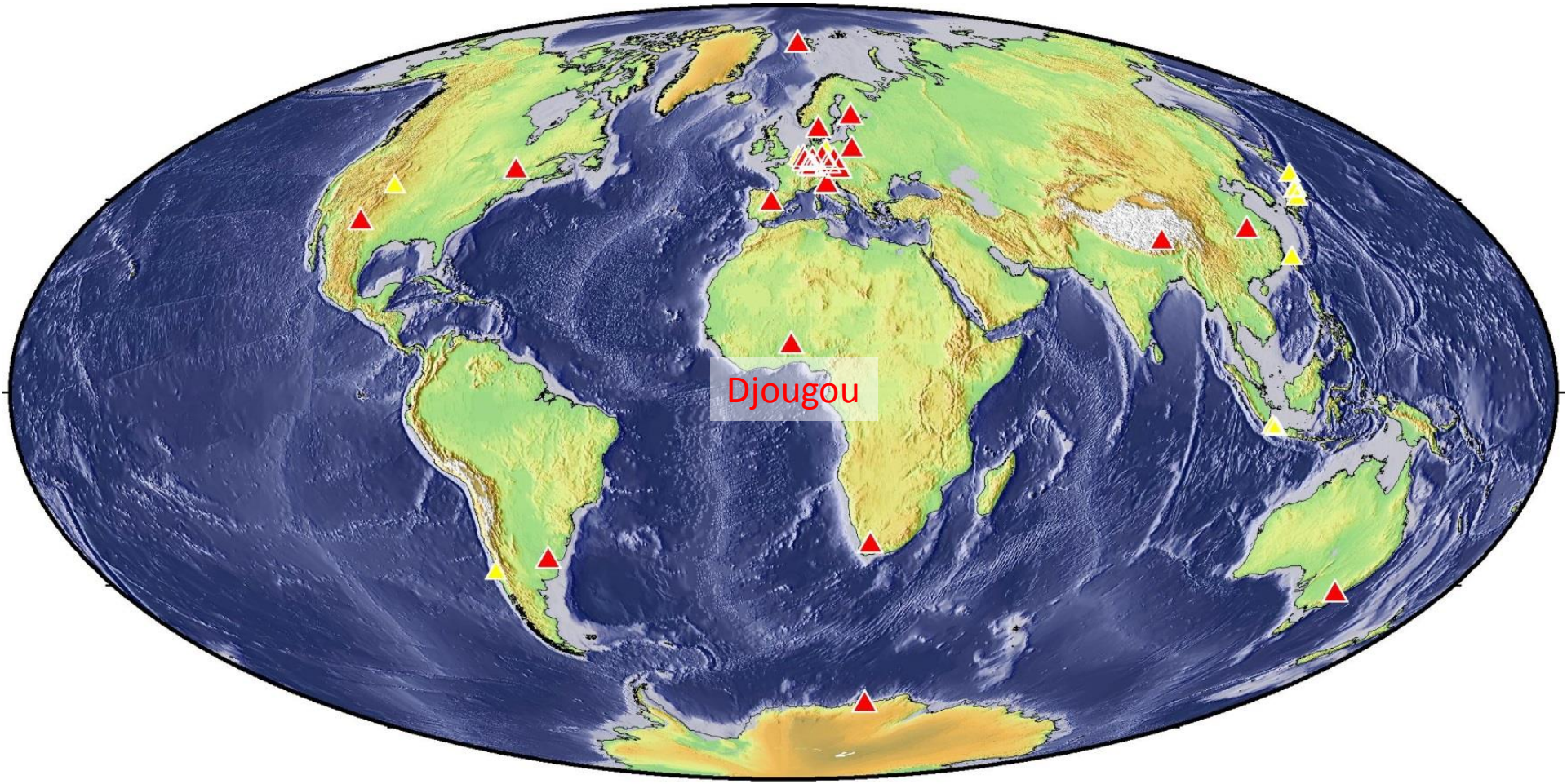
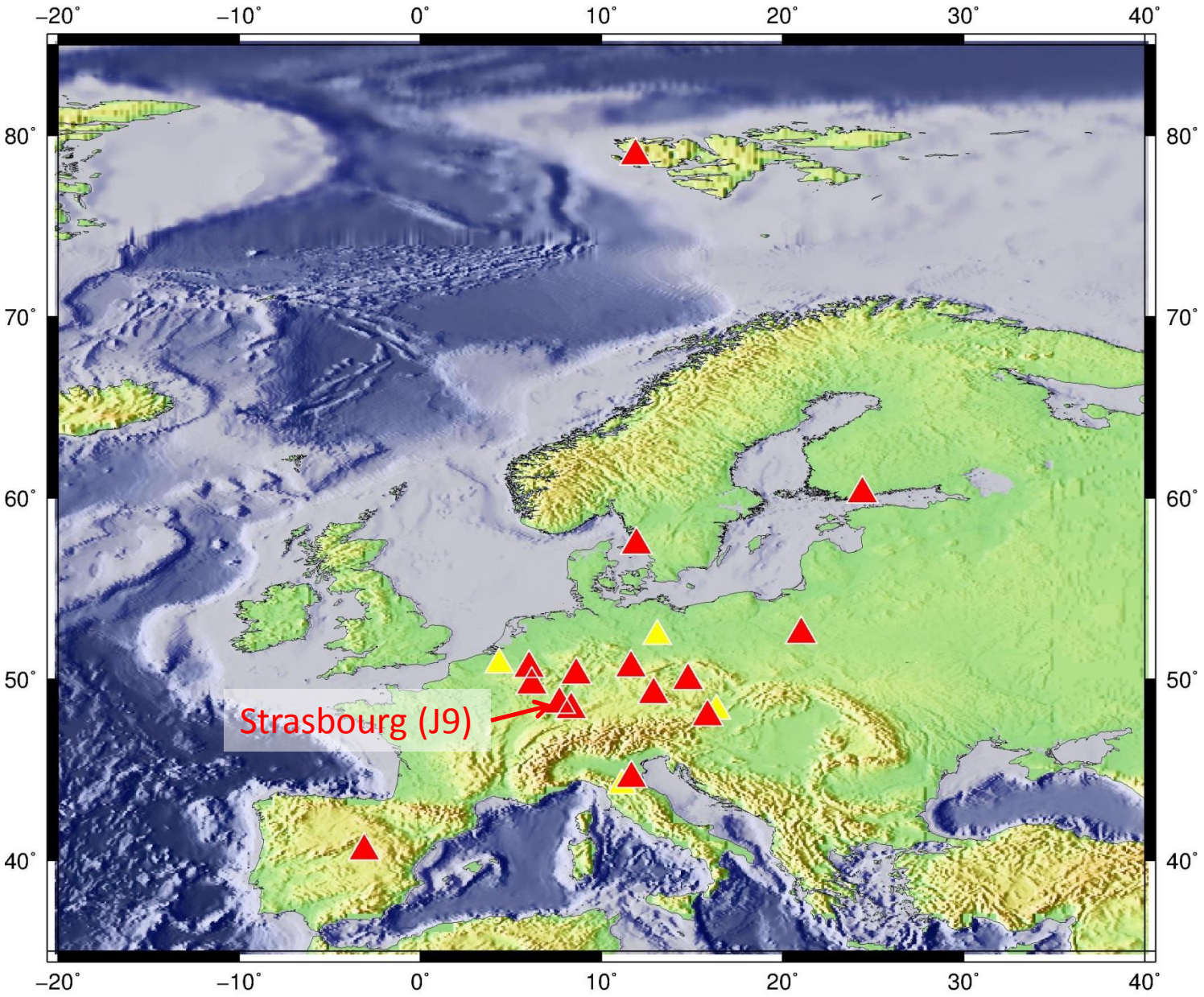
# ST and DJ in IGETS network



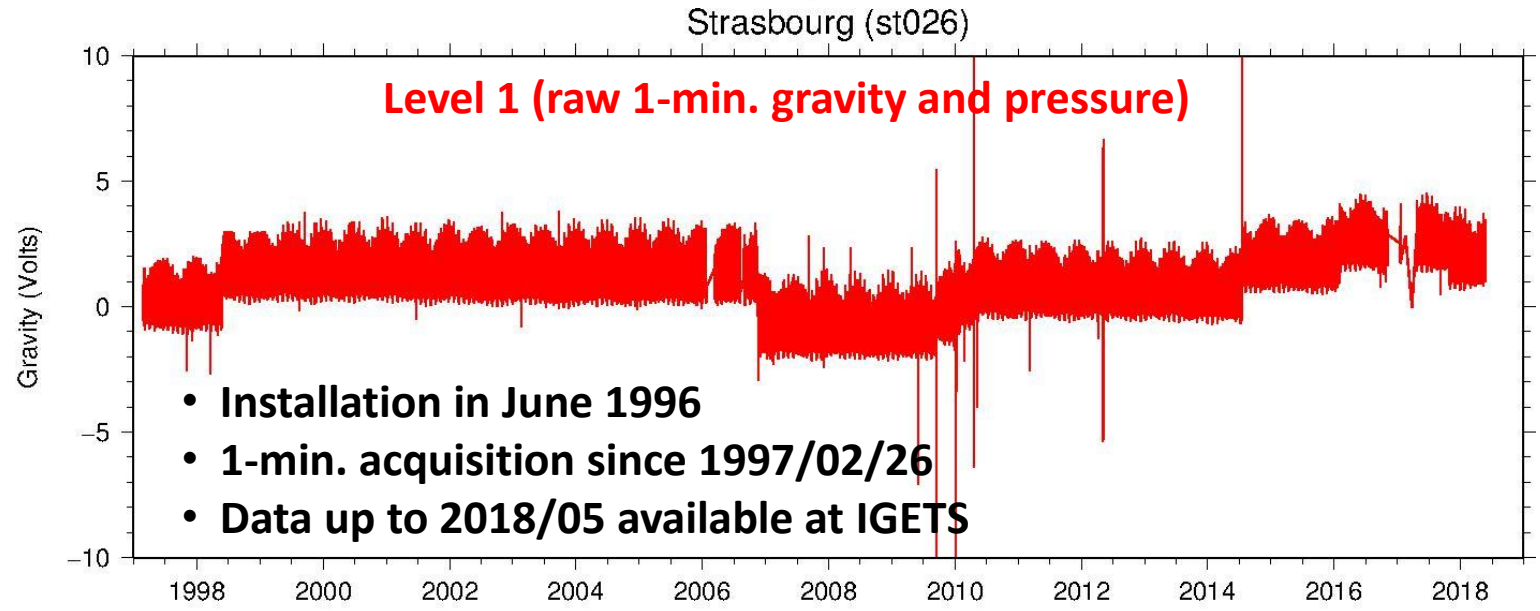

Stations with “recent” data

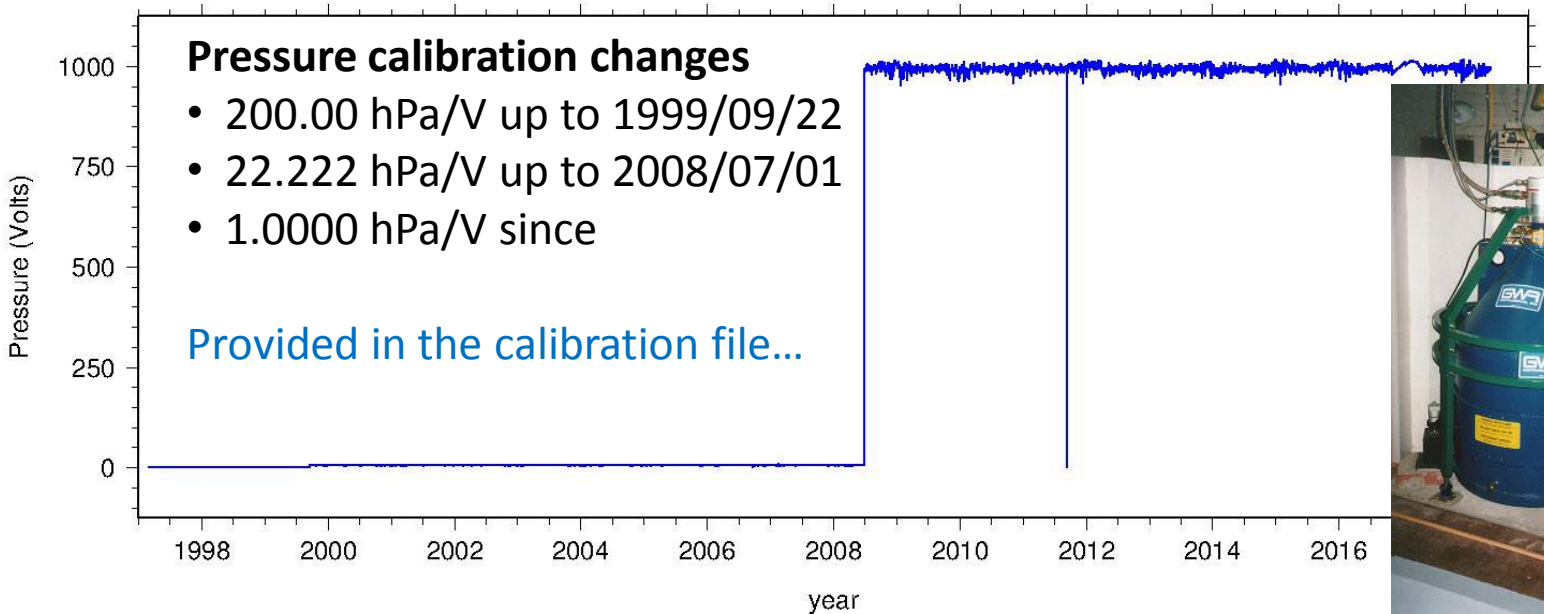
Other stations (shutdown, and without recent upload)

# ST and DJ in IGETS network

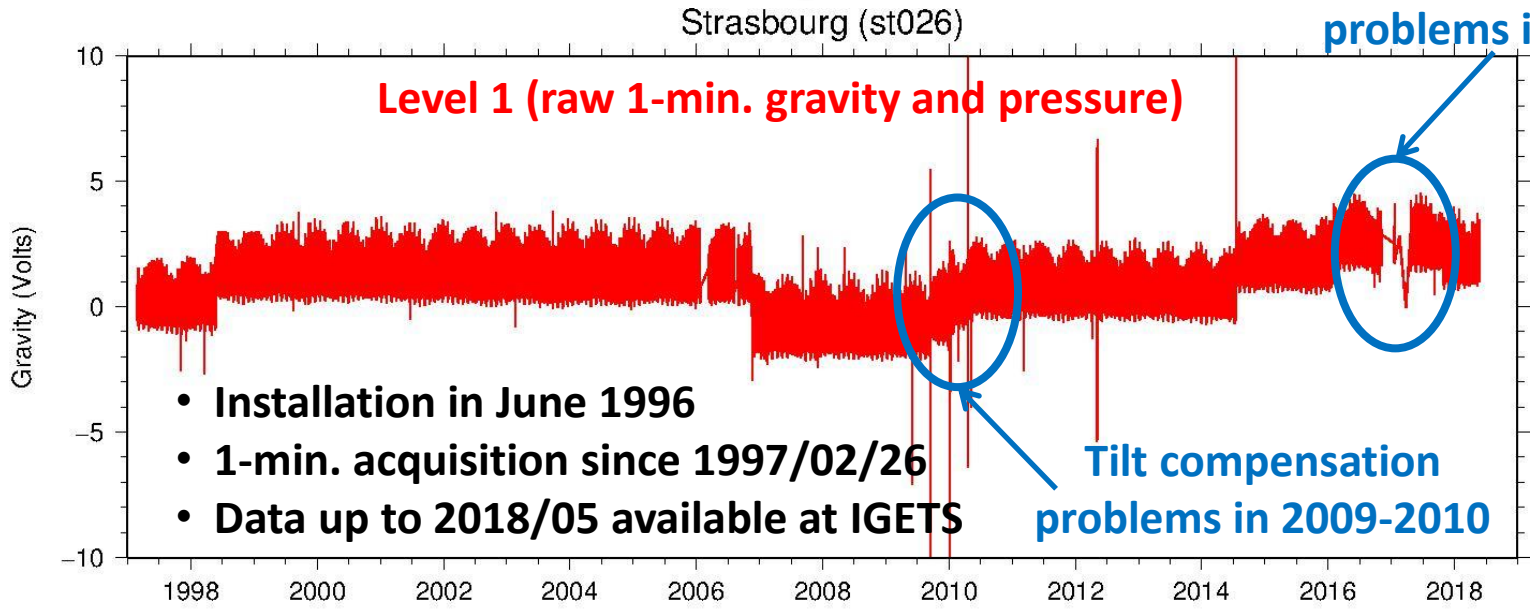


# Strasbourg (CO26)




# Strasbourg (CO26)

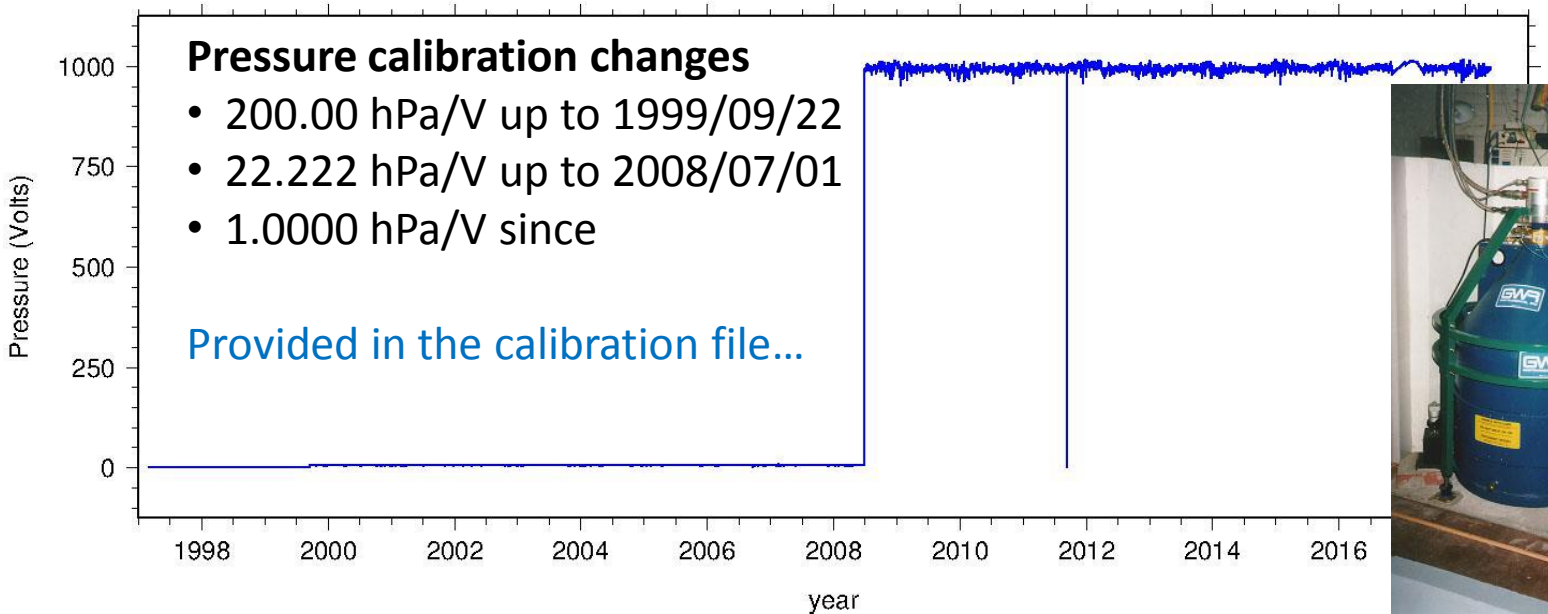



**Level 1 (raw 1-min. gravity and pressure)**

**Acquisition problems in 2017**

- **Installation in June 1996**
- **1-min. acquisition since 1997/02/26**
- **Data up to 2018/05 available at IGETS**

**Tilt compensation problems in 2009-2010**

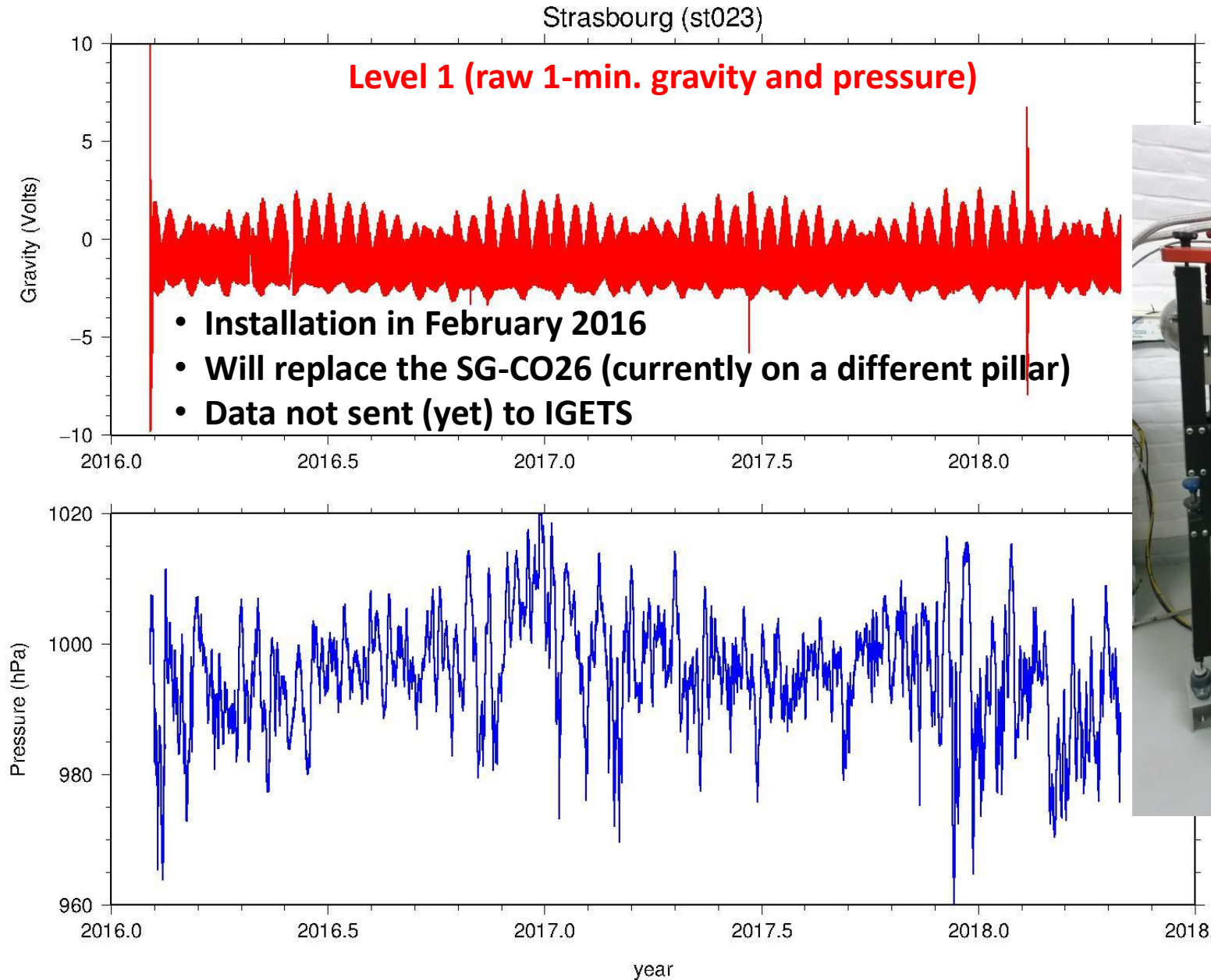



**Pressure calibration changes**

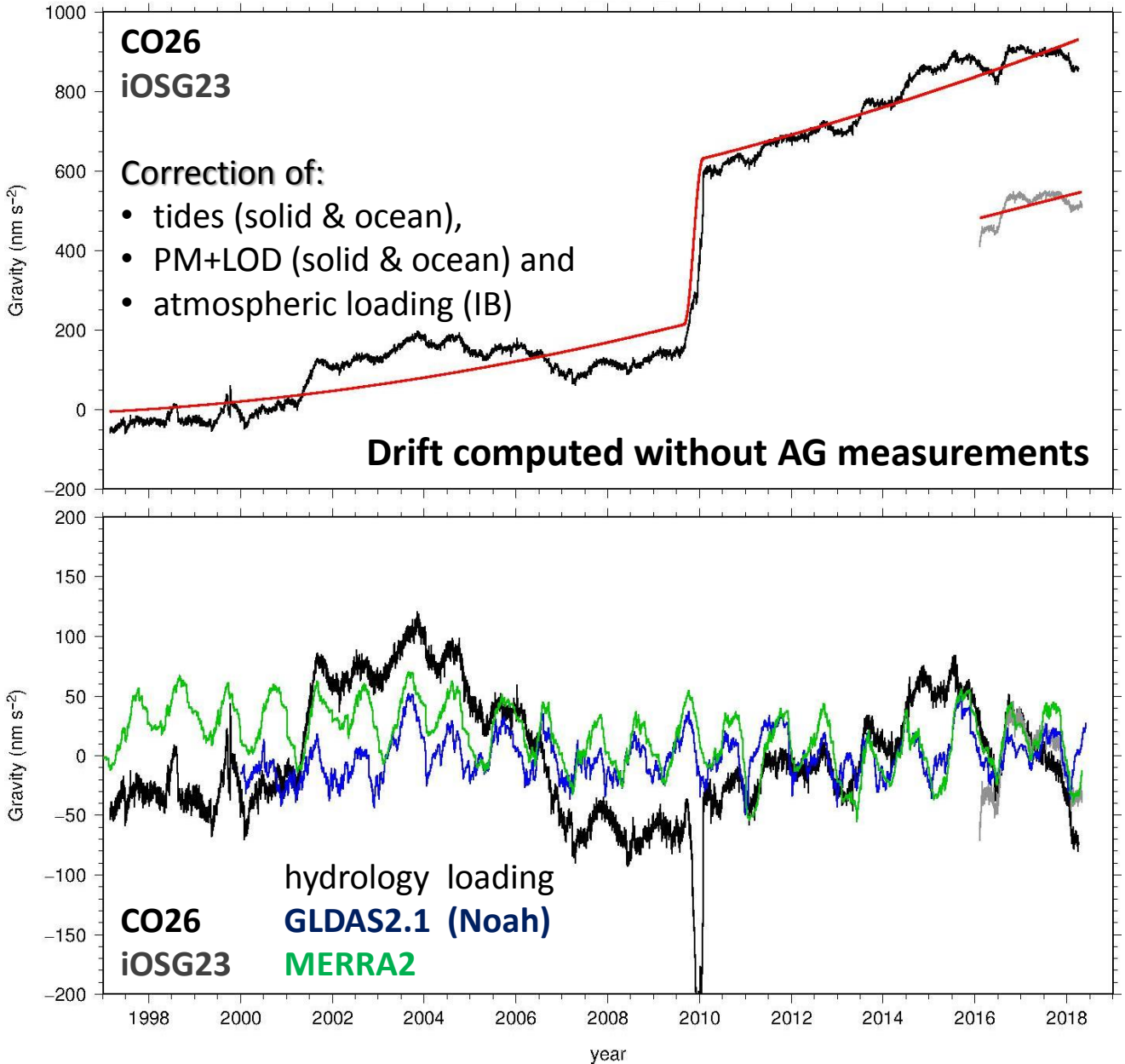
- 200.00 hPa/V up to 1999/09/22
- 22.222 hPa/V up to 2008/07/01
- 1.0000 hPa/V since

Provided in the calibration file…

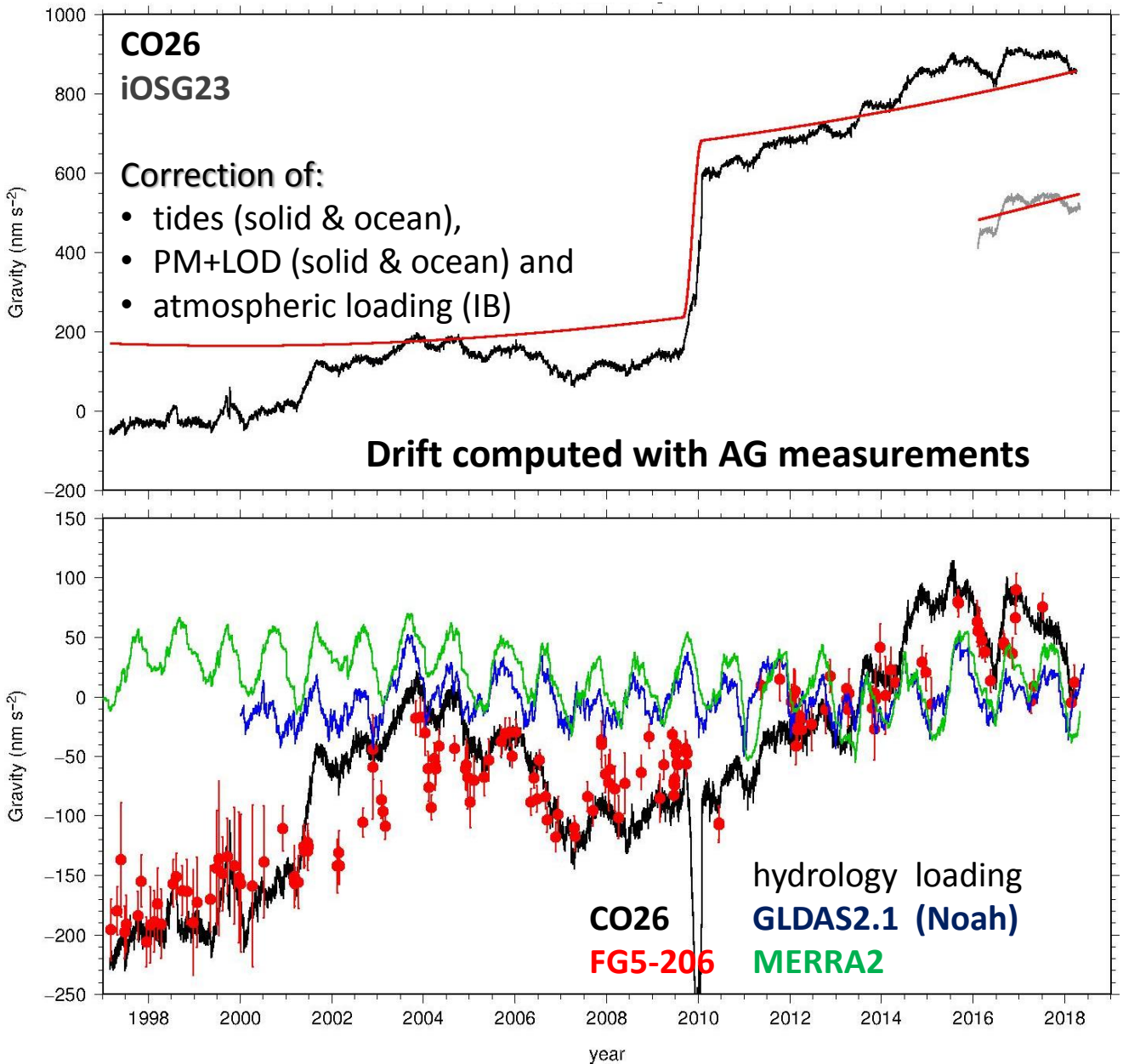
# Strasbourg (iOSG 23)



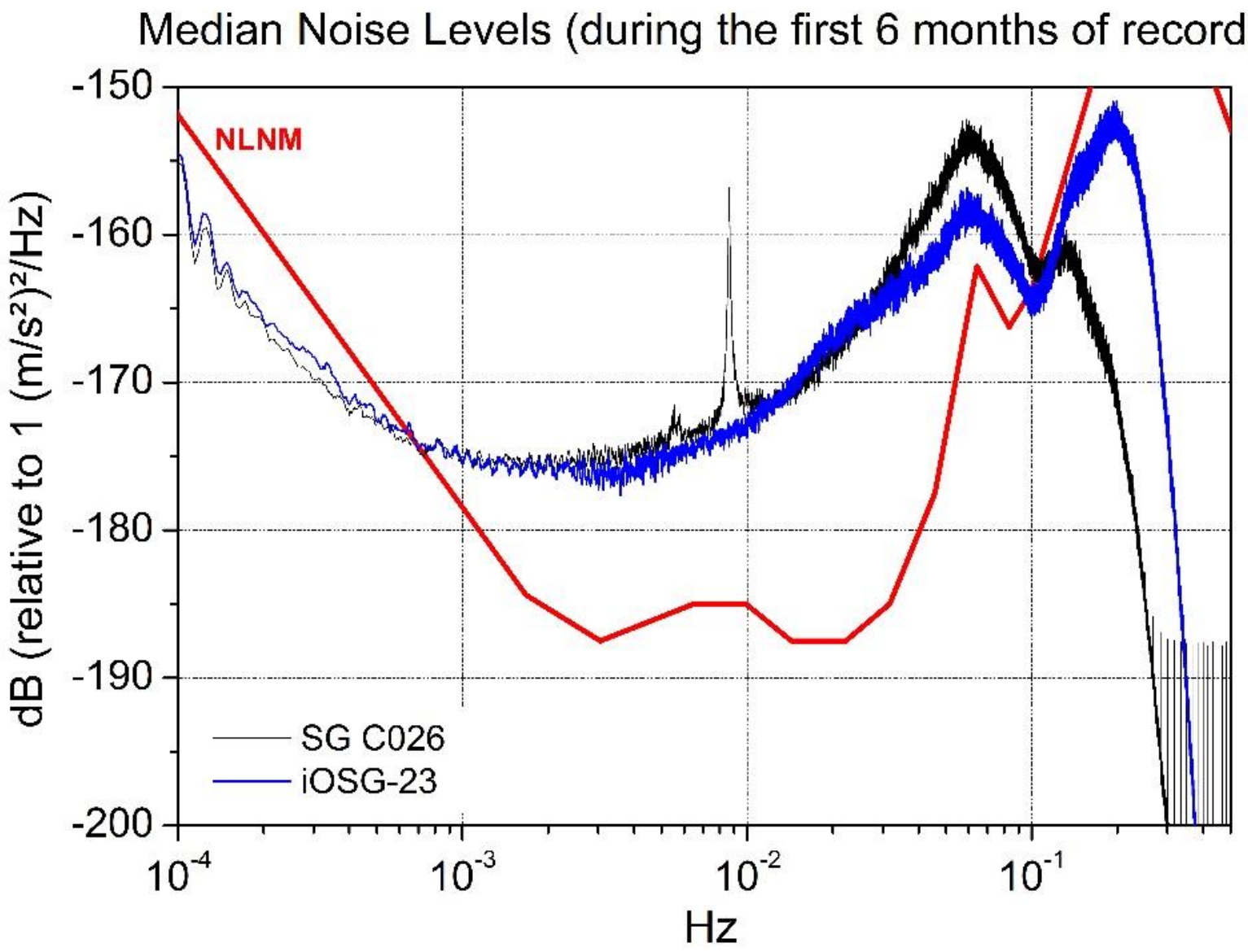

# Gravity residuals in Strasbourg



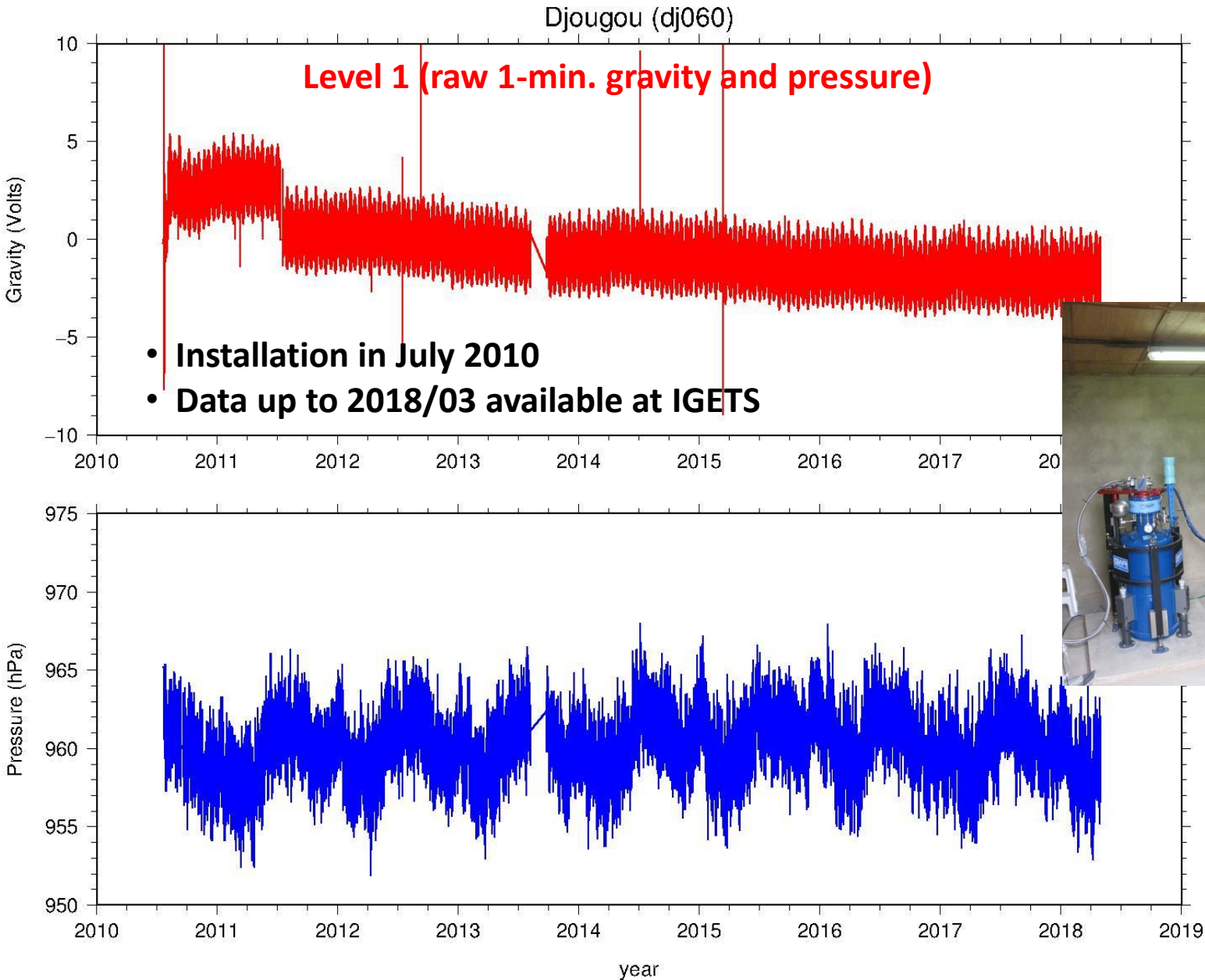
# Comparison SG-CO26 & FG5-206



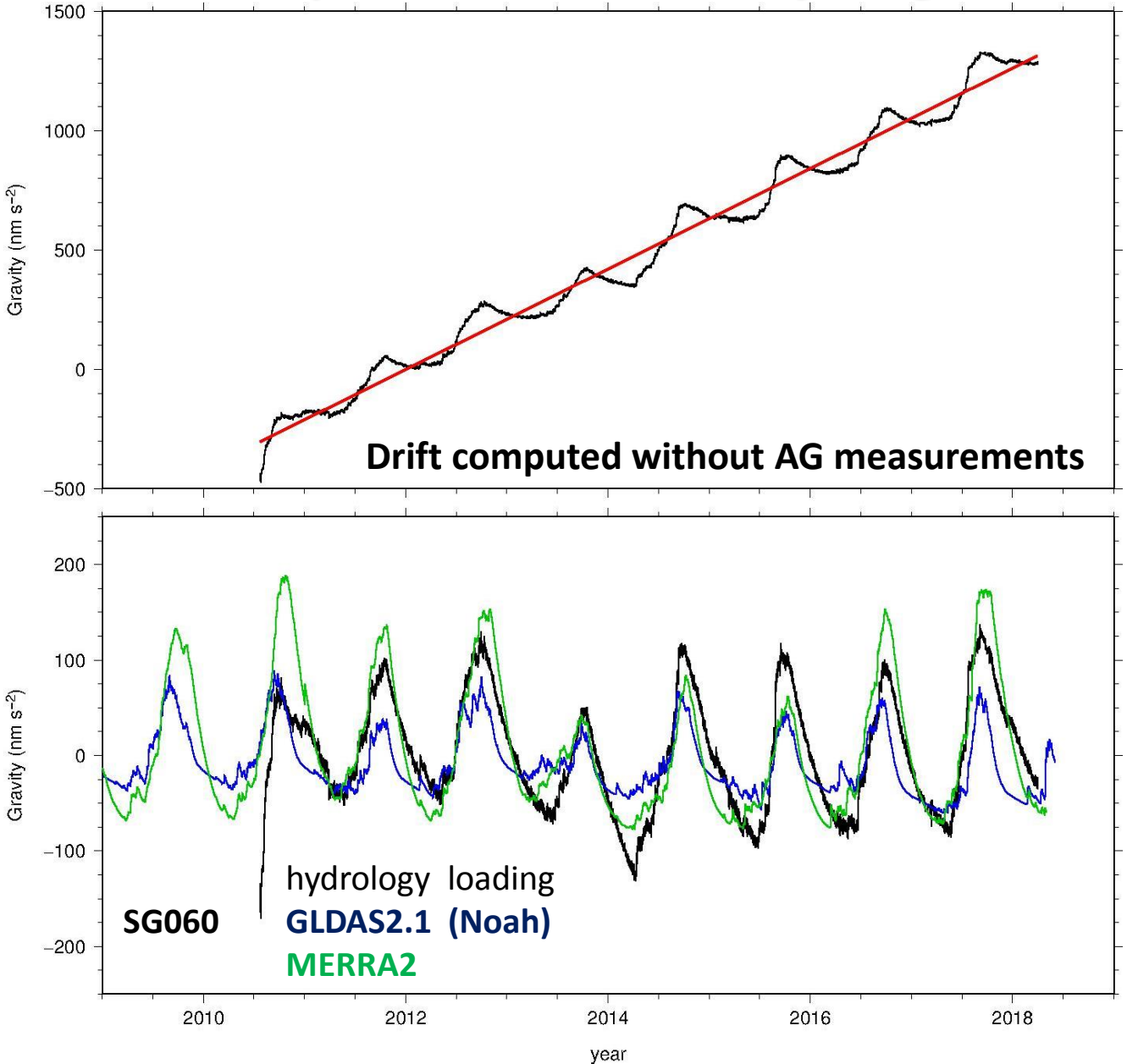
# Comparison of SG-C026 & iOSG-23 noise level



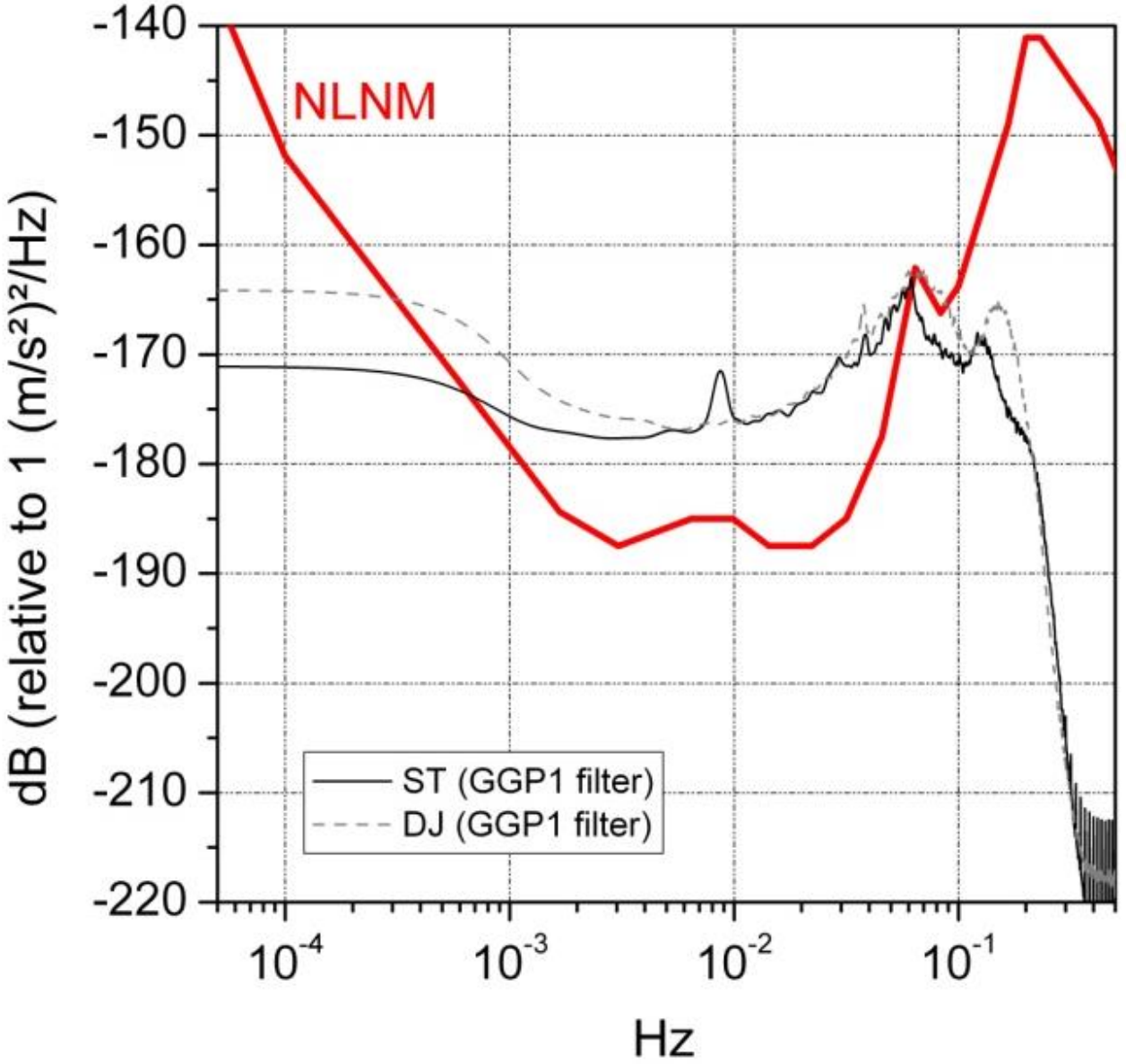
# Djougou (OSG 060)




# Gravity residuals in Djougou



# SG-060 noise level



# Status of Strasbourg (France) and Djougou (Benin) superconducting gravimeter stations

## Strasbourg (CO26)

- About 7750 days (21.25 years) of 1-min. pressure & gravity records.
- 170 parallel measurements with the FG5 #206.
- Will be replaced with the iOSG23 (heavy sphere).

## Djougou (060)

- 2810 days (almost 8 years) of 1-min. pressure & gravity.
- Unique instrument in the equatorial band.

# French stations planning to send data to IGETS