

- **A lot of new stations in EPN during the last 15 months (~ 25), e.g.**
 - HOER/HOE2 (GPS week 1335)
 - ...
 - SALA (1401)
 - BORJ (1407)
- **Equipment changes, firmware updates, e.g.**
 - UNPG (Ashtech → TPS (1371))
 - COBA (Ashtech → Leica (1365))
- **Software version changes**
 - Mainly between GPS weeks 1317 and 1325
- **Analysis, orbit and reference frame changes**
 - GPS week 1400

Chronology of the project:

- GPS week 1108: first solutions
- GPS week 1110: Contribution of 4 LACs: ASI, BKG, COE, UPA
- GPS week 1111: Contribution of IGN and LPT
- GPS week 1112: Contribution of OLG
- GPS week 1113: Contribution of WUT
- GPS week 1114: Contribution of NKG
- GPS week 1115: Contribution of GOP
- GPS week 1120: Contribution of BEK
- GPS week 1126: Contribution of IGE
- GPS week 1130: New EUREF processing options
Contribution of DEO and ROB
- GPS week 1143: Switch to new reference frame ITRF 2000
Contribution of SGO
- GPS week 1143: COE using Wet Niell, switching to (unofficial) 5.0
- GPS week 1185: Contribution of SUT as 16th LAC

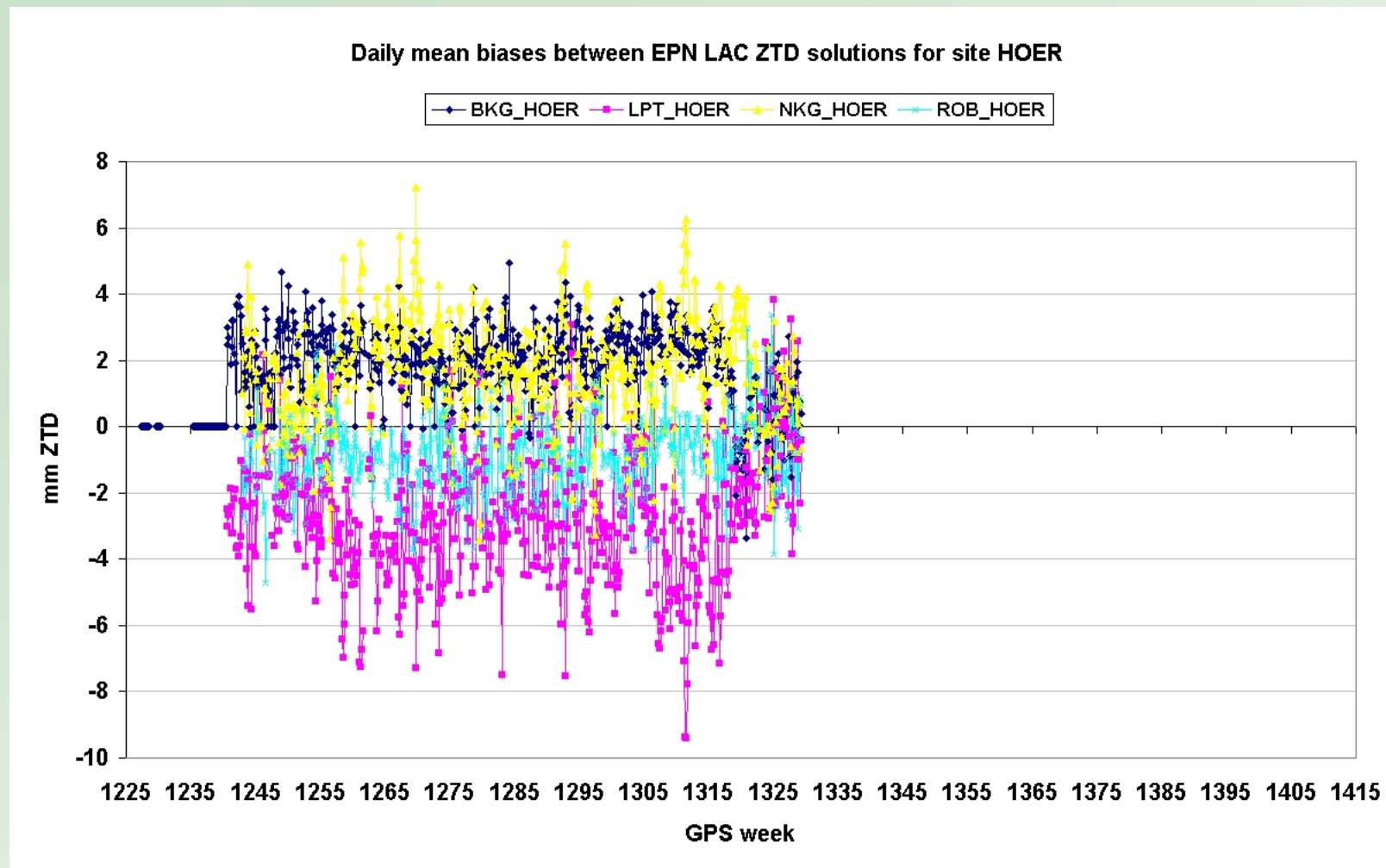
Chronology of the project (cont'd):

- GPS week 1203: Contribution of EPN troposphere solution to IGS combination of ZTD
- GPS week 1307: GFZ stops EPN combination (IGS troposphere combination is changing from GFZ to JPL)
- GPS week 1317: LPT switching to 5.0, Wet Niell (EUREF mail 2360)
- GPS week 1318: WUT switching to 5.0, Wet Niell (EUREF mail 2363)
- GPS week 1319: BKG switching to 5.0, Wet Niell (EPN LAC mail 490)
- GPS week 1320: GOP switching to 5.0, Wet Niell (EPN LAC mail 508)
- GPS week 1321: NKG switching to 5.0, Wet Niell (EPN LAC mail 505)
- GPS week 1324: UPA switching to 5.0, Wet Niell
- GPS week 1325: ROB switching to 5.0, Wet Niell
- GPS week 1335: New interpolation procedure for ASI solution (EPN rapid troposphere combination only)
- GPS week 1346: "Small" outliers rejection improved
- GPS week 1364: IGE switching to 5.0, Wet Niell (EPN LAC mail 623)

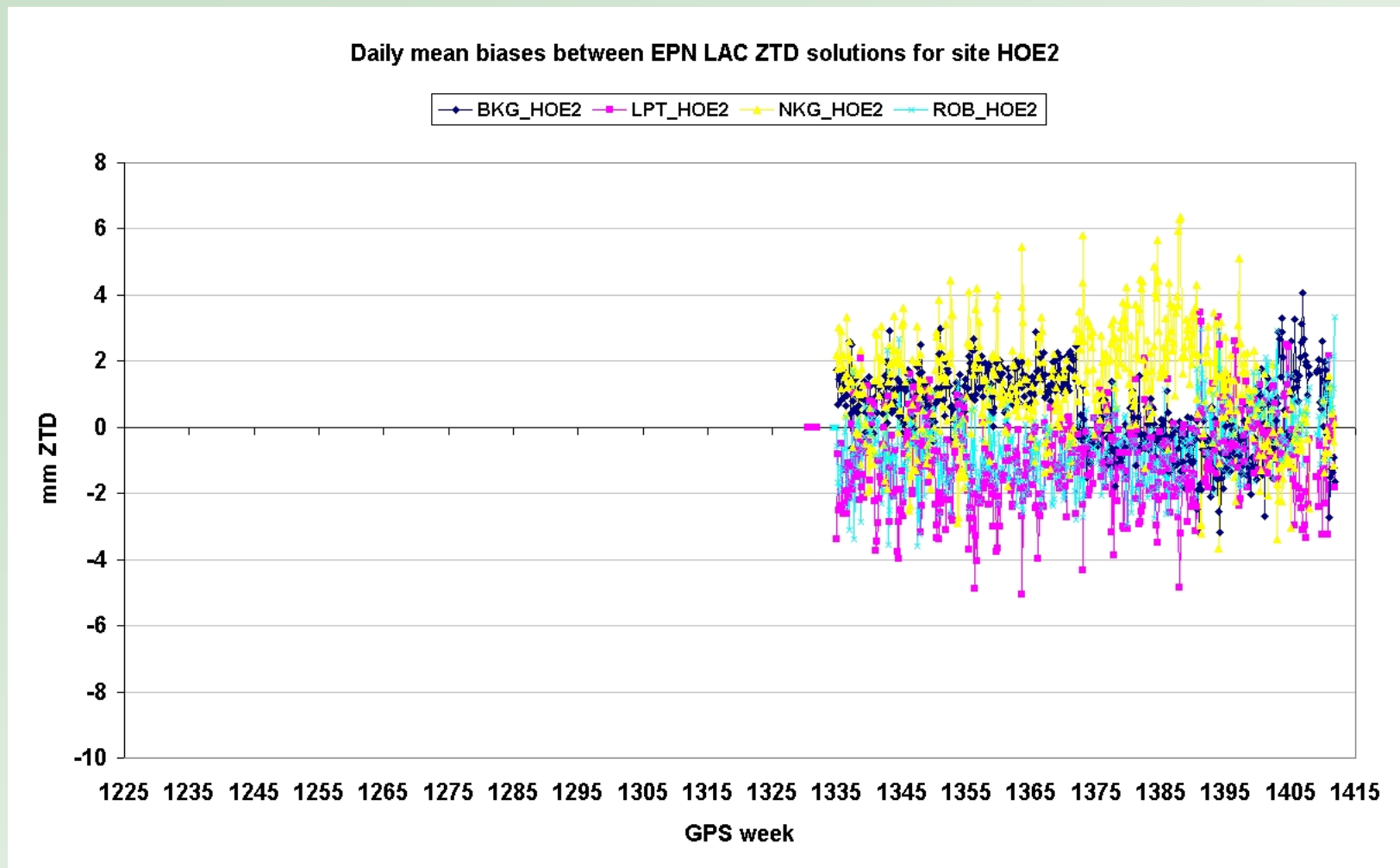
Chronology of the project (cont'd):

- GPS week 1374: ASI switching from Microcosm 2003.0 to 2005.0
- GPS week 1381: SGO switching to 5.0, Wet Niell
- GPS week 1397: OLG switching to 5.0, Wet Niell
- GPS week 1400: BEK switching to 5.0, Wet Niell
IGN switching to 5.0, Wet Niell
SUT switching to 5.0, Wet Niell
- GPS week 1400: IGS changing to APCV, IGS05
EPN introducing horizontal gradients
- GPS week 1400: GFZ stops “classical” IGS combination (IGS mail 5505)

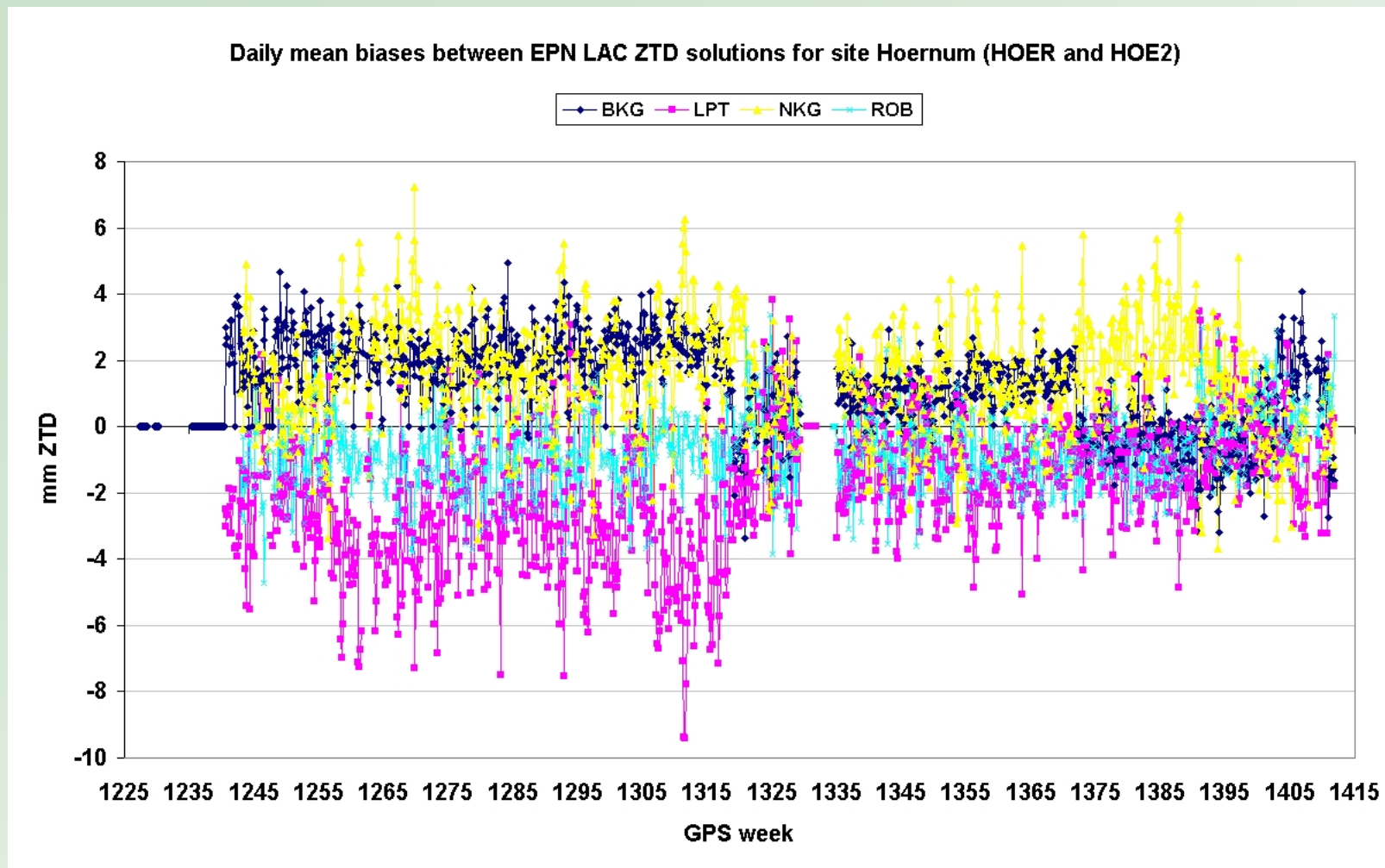
Troposphere Special Project



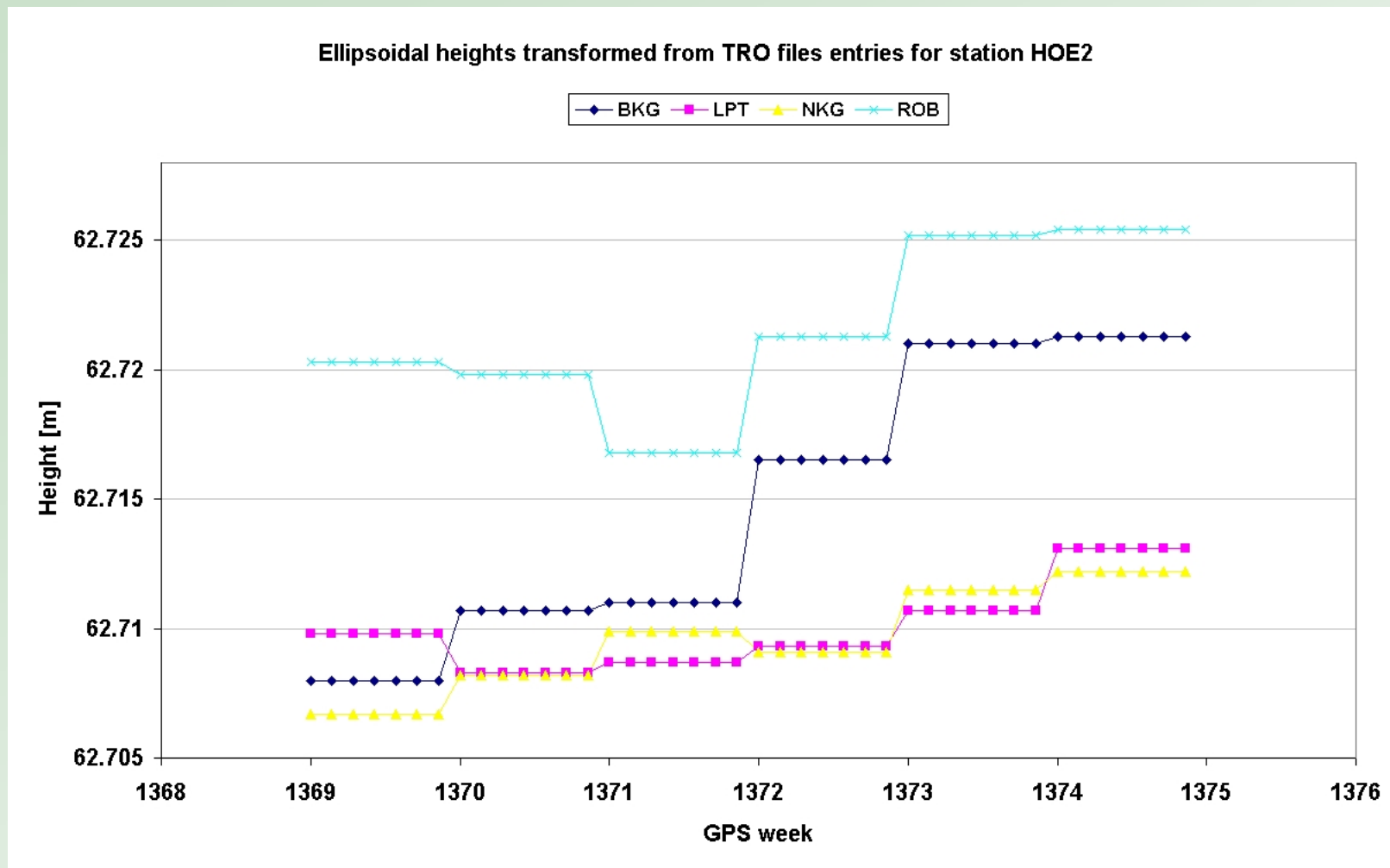
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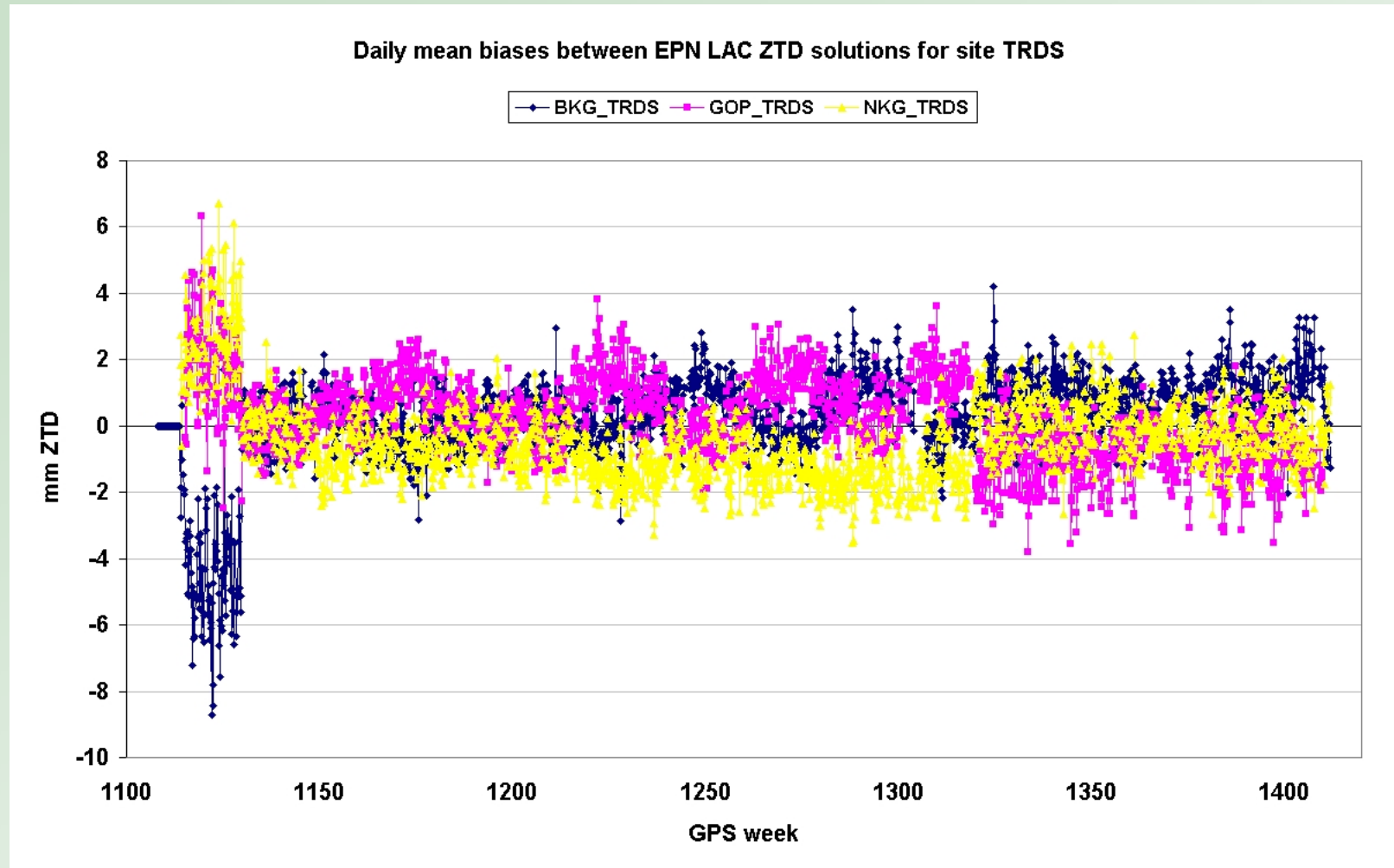
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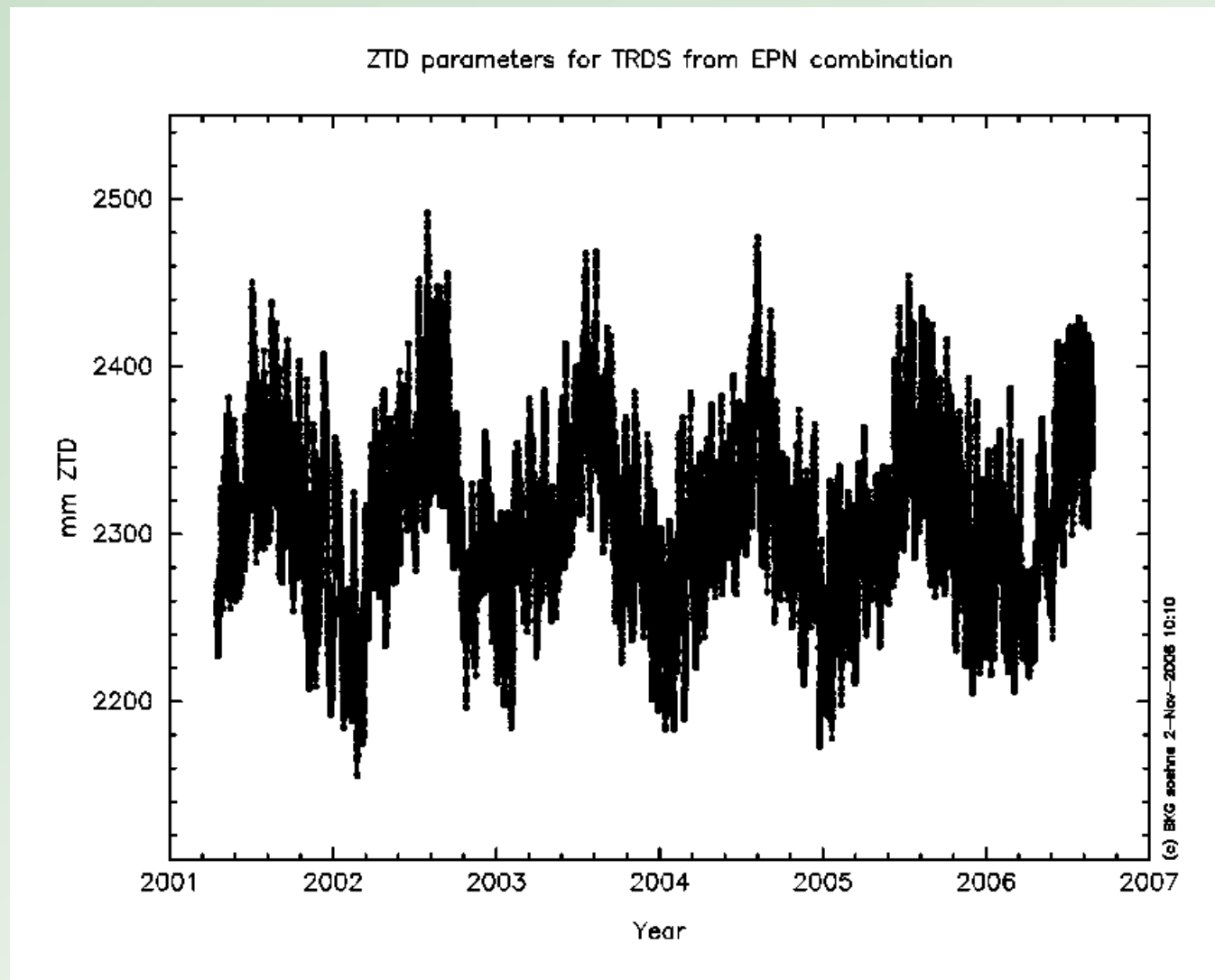
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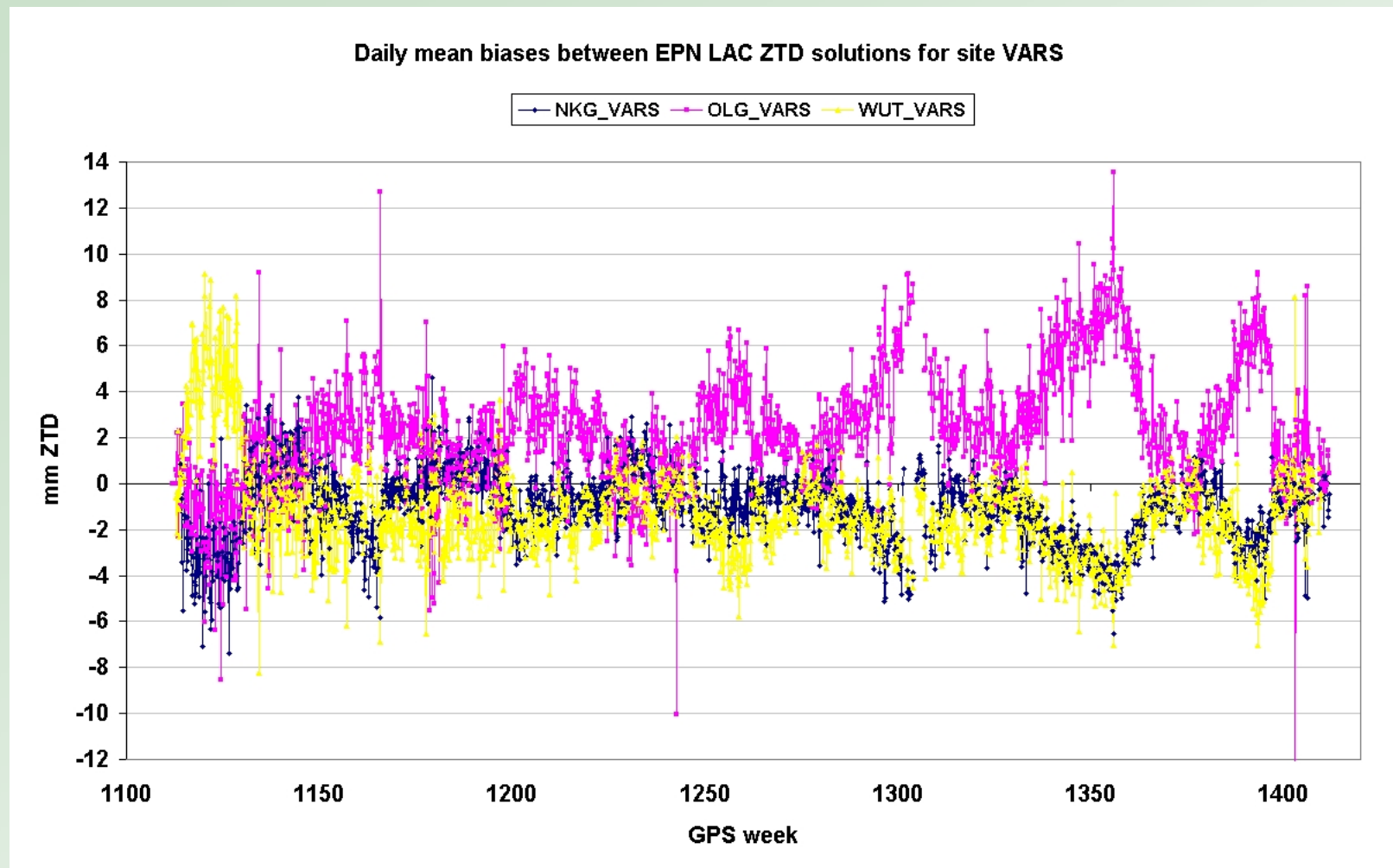
Troposphere Special Project



Troposphere Special Project

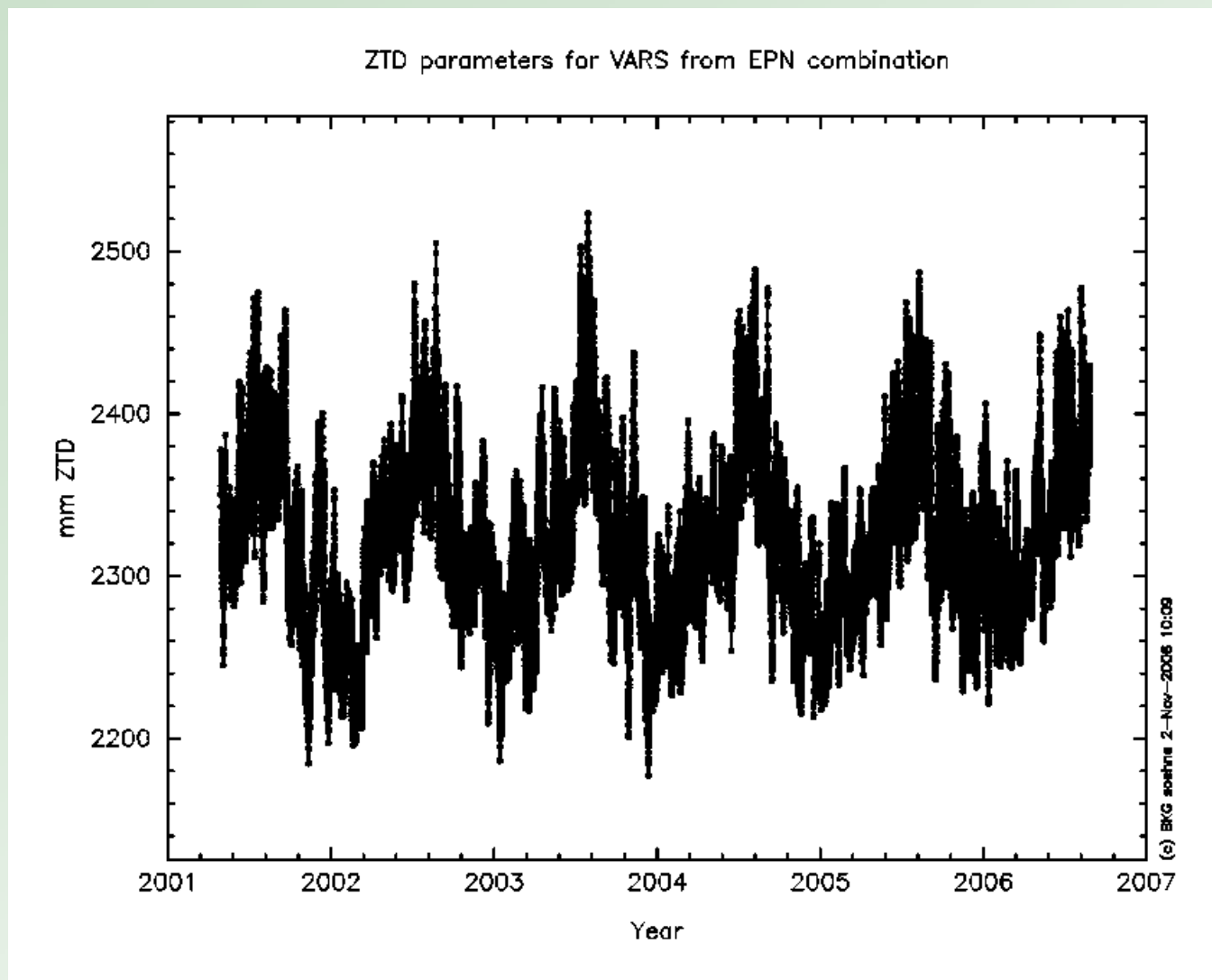


Troposphere Special Project

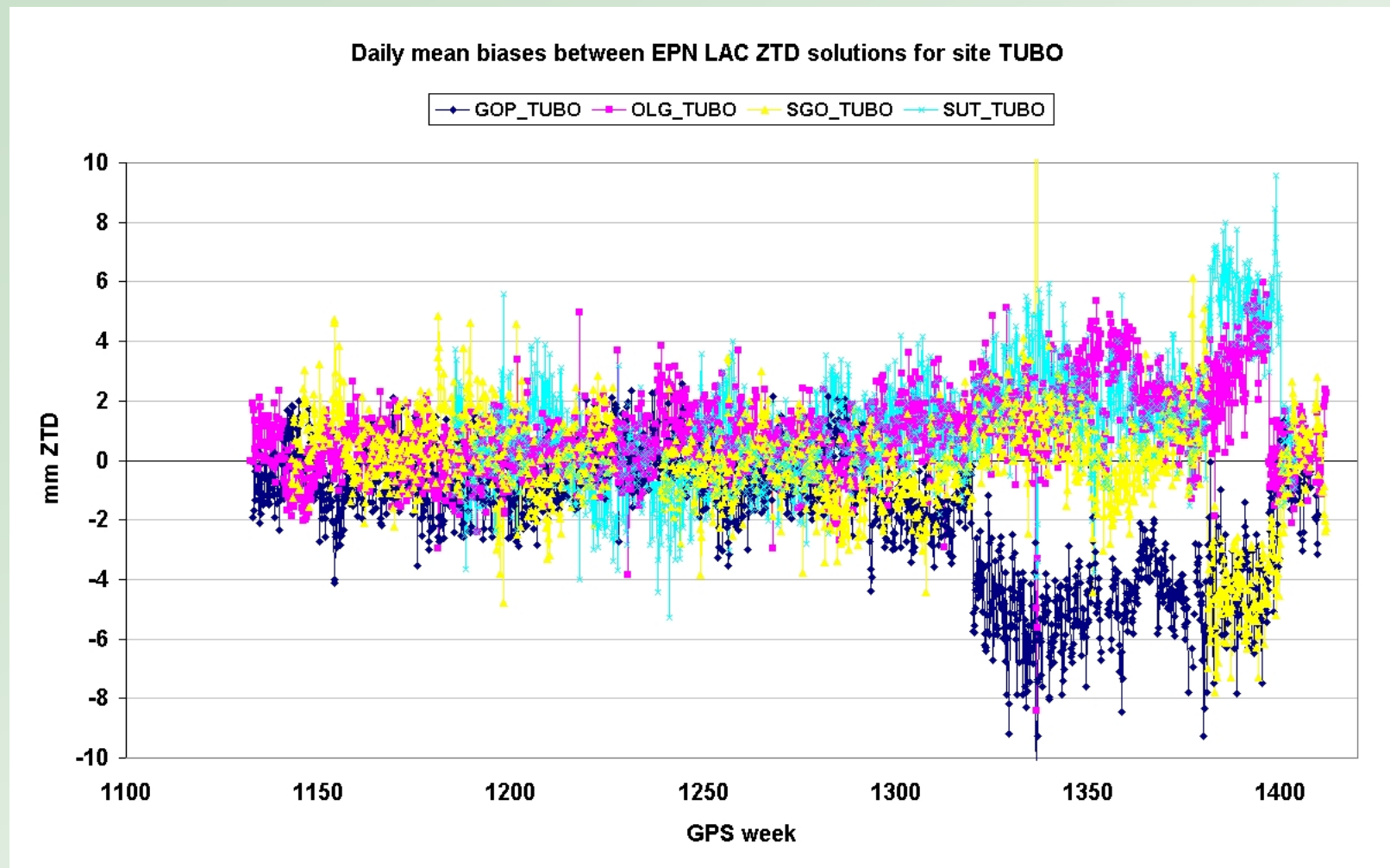




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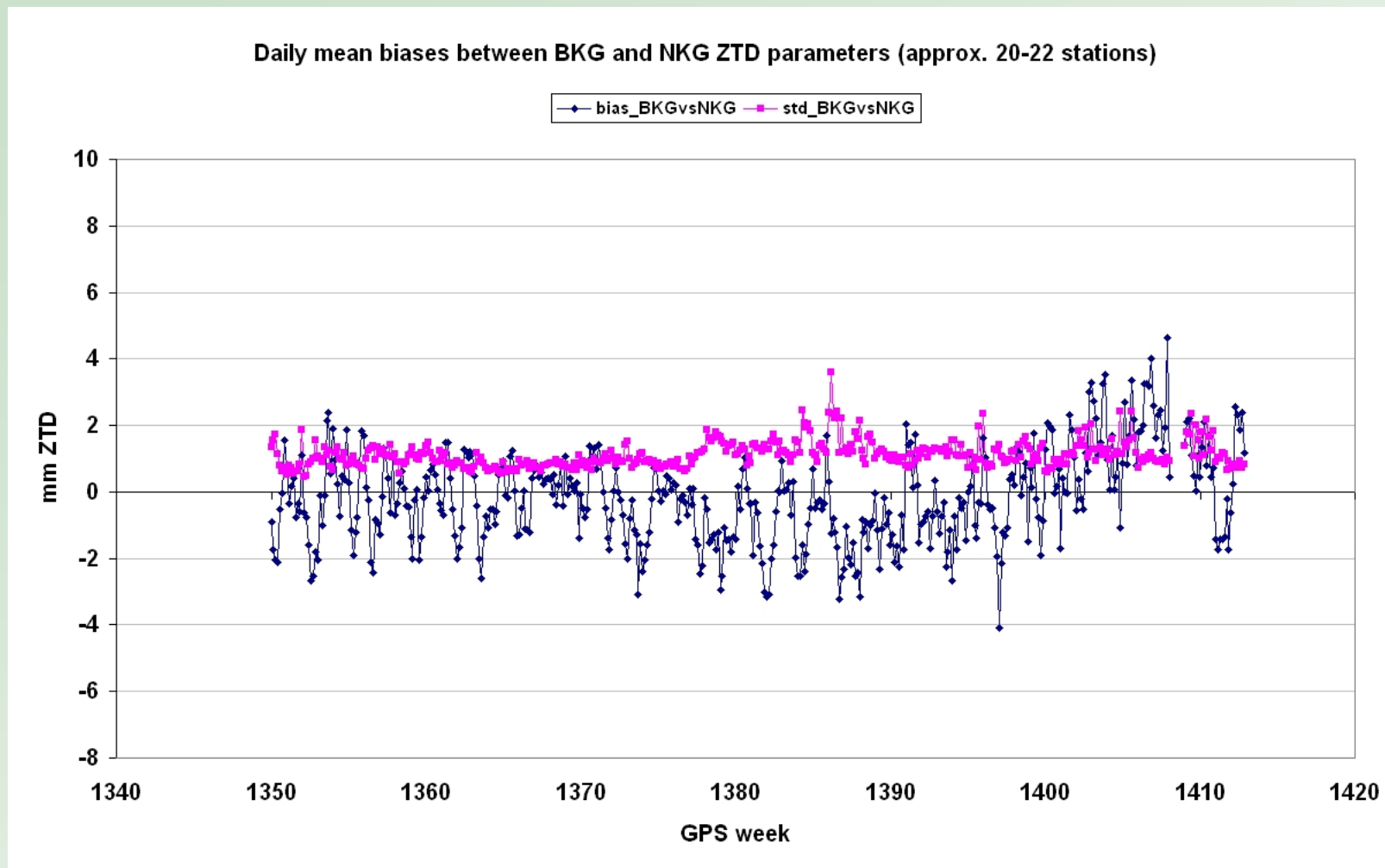
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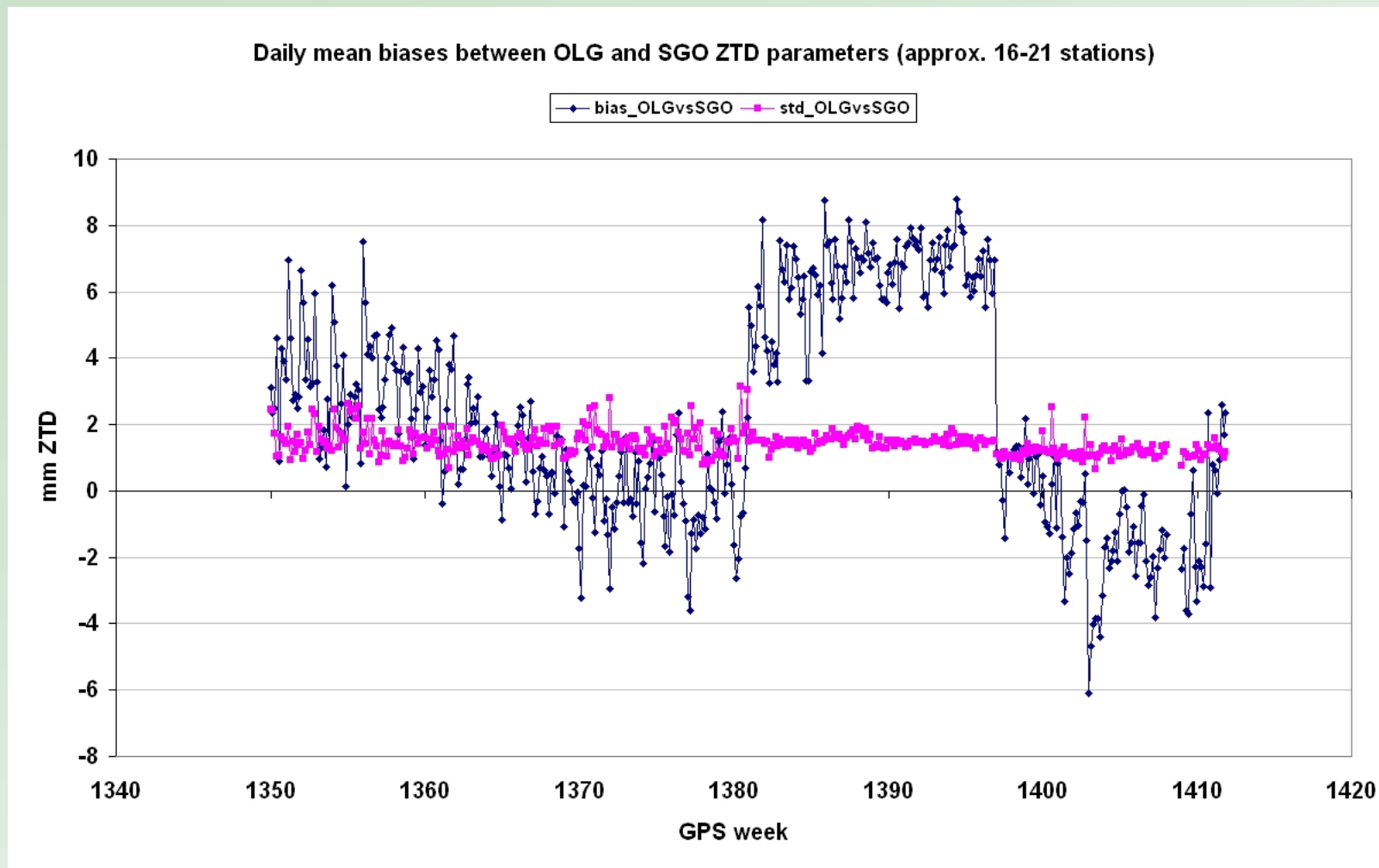
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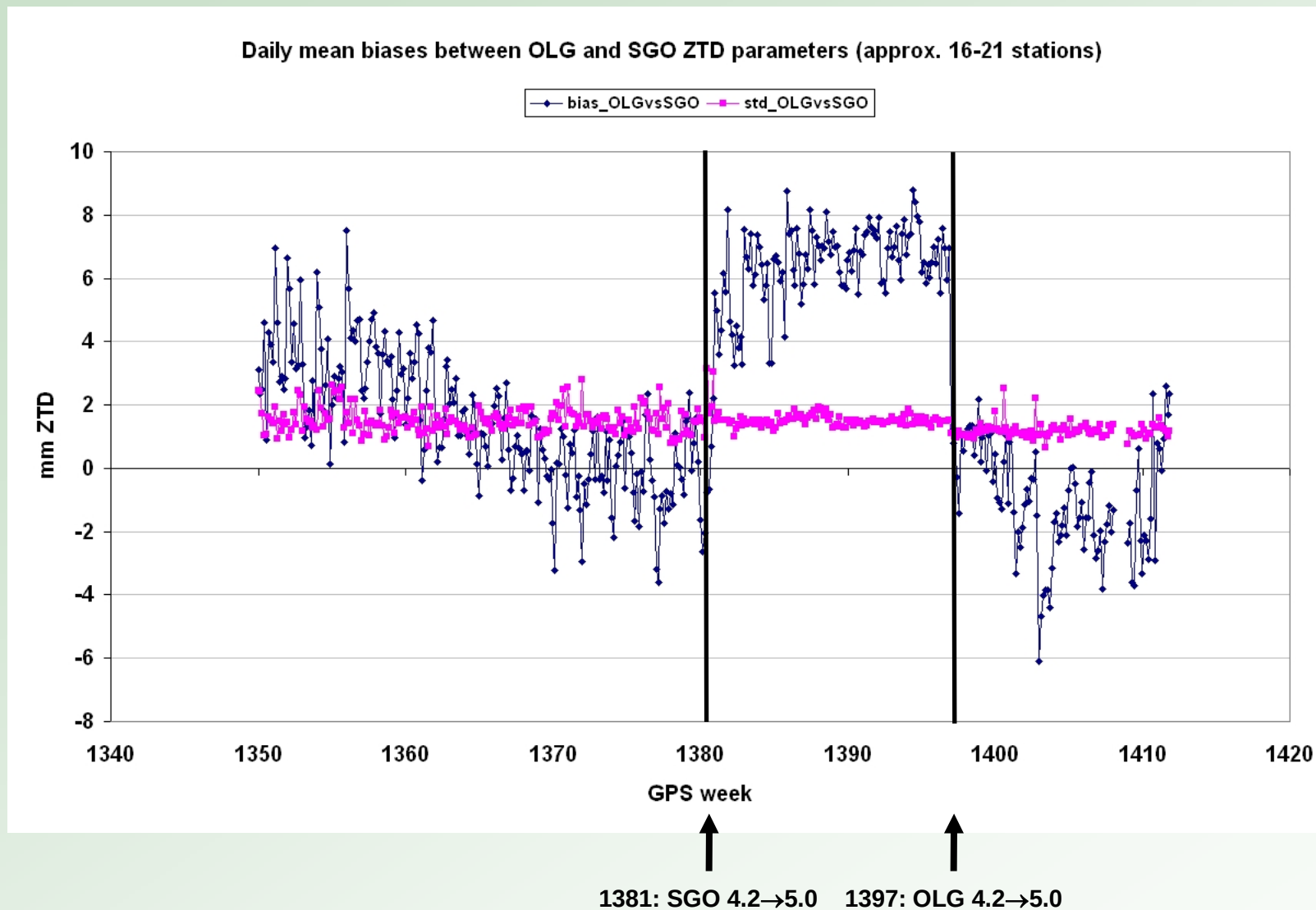
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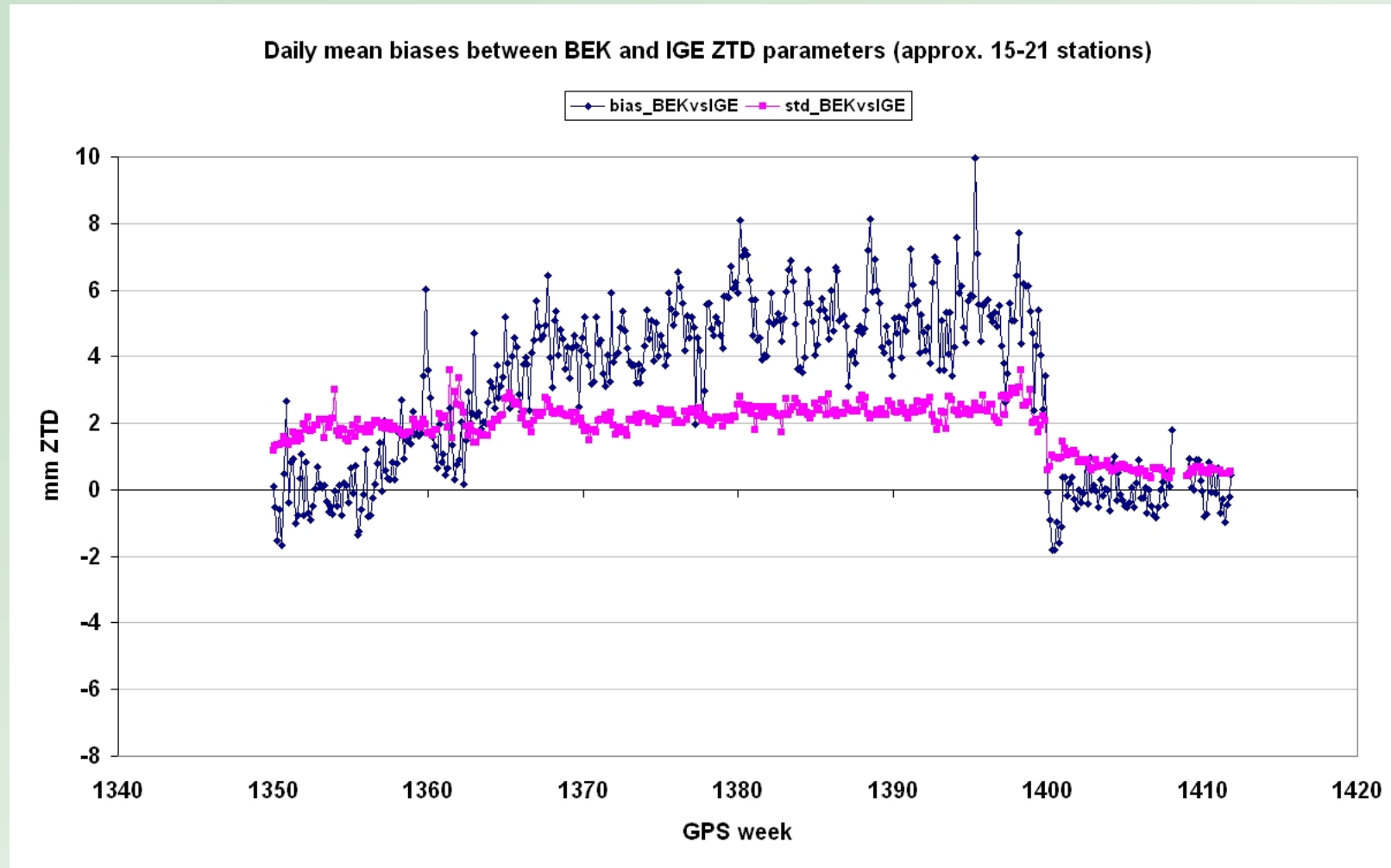
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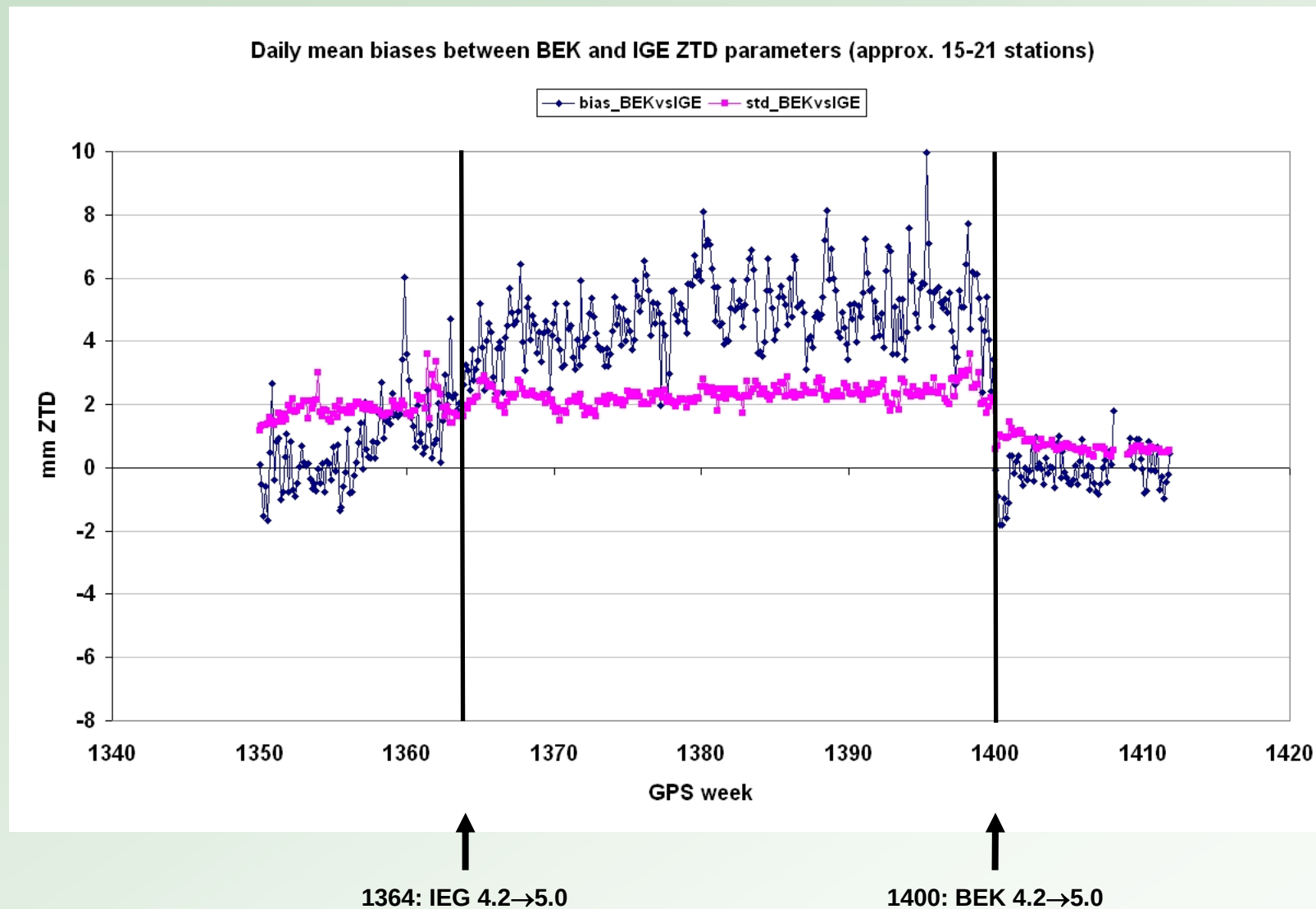
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Troposphere Special Project



EUREF Permanent GPS Network > Tracking Network > Stations > Site Information > VIL0_10424M001 - Microsoft Internet Explorer

Adresse http://www.epncb.oma.be/_trackingnetwork/siteinfo4onestation.php?station=VIL0_10424M001

REAL-TIME: None
METEO: None

Data Processing

BY: BKG, COE, NKG

QUALITY PLOTS

- Ratio observed/predicted number of observations
- Yearly tracking performance (TEQC)
- Tracking performance (TEQC) compared to other EPN stations
- Snapshots of satellite tracking

TIME SERIES

- ITRS
- ETRS89
- RAW
- CLEANED

TROPOSPHERE

- Daily biases

COMBINED SOLUTIONS

EXCLUSION PERIODS

- 322/1996 (GPSweek No 0880) - 328/1996 (GPSweek No 0880)
- 208/1997 (GPSweek No 0916) - 214/1997 (GPSweek No 0916)

COORDINATES

from last weekly EUREF solution, EPN cumulative and IERS in ITRS or ETRS89

Mails and Remarks

EUREF MAILS

No 2396 (08-Jun-2005) - KIR0, MAR6, ONSA, SPT0, SKE0, VIL0 and VIS0: Revised site logs fo (by Tina Kempe) View

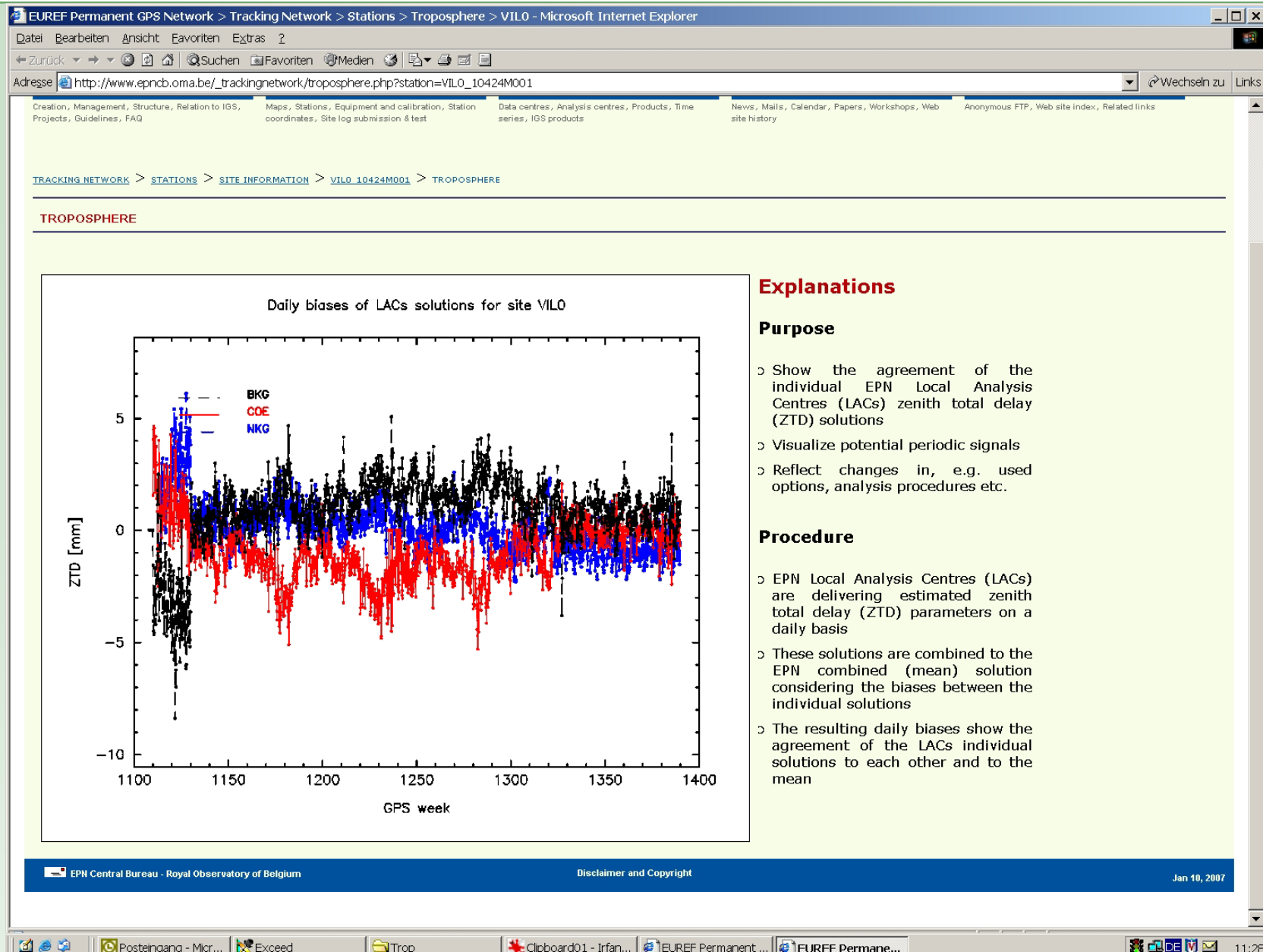
IGS STATION MAILS

No 881 (28Mar2006) - SPT0, ONSA, VIL0 and KIR0 DoY 086 re (by Anna Loof) View

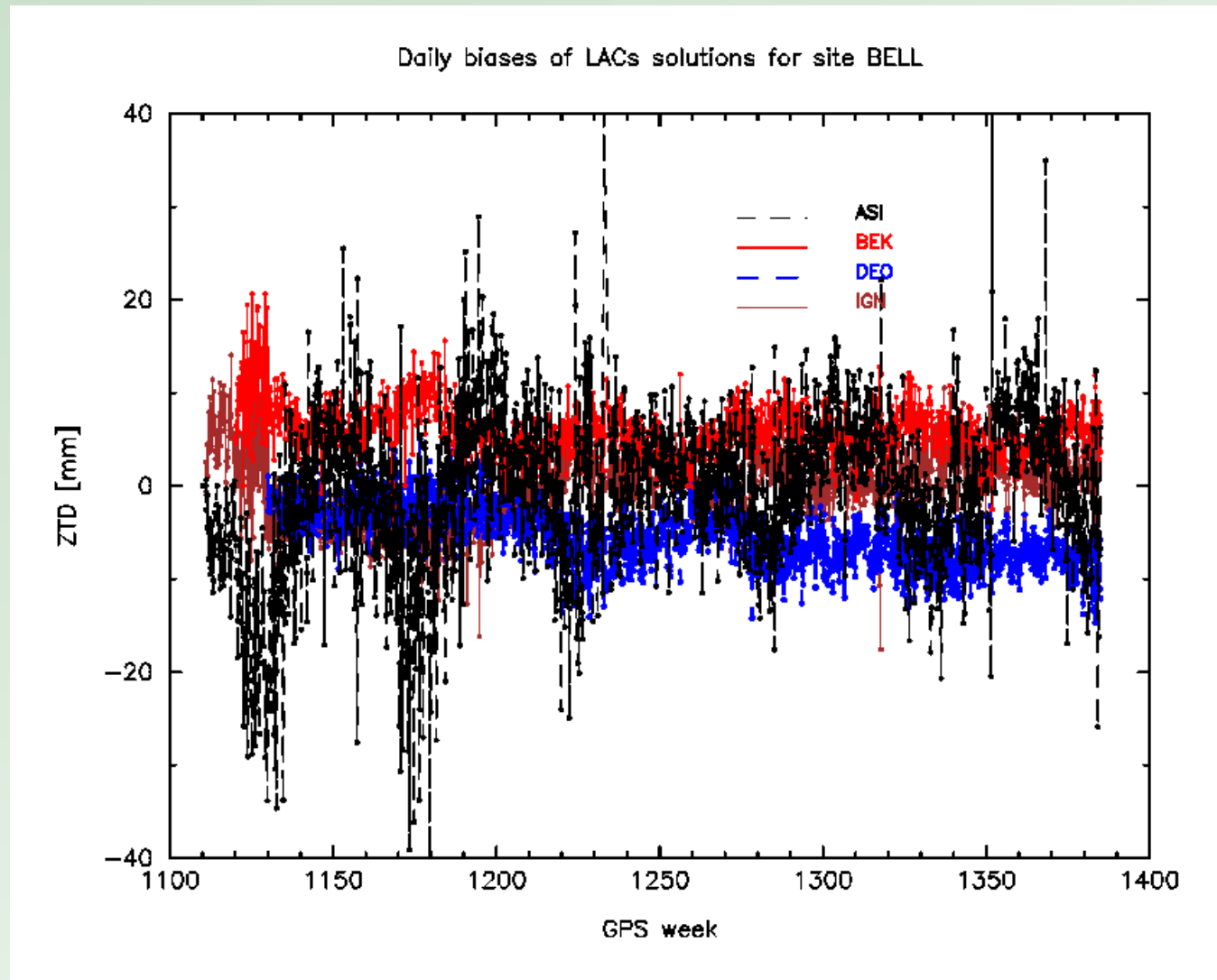
IGS MAILS

None

Troposphere Special Project

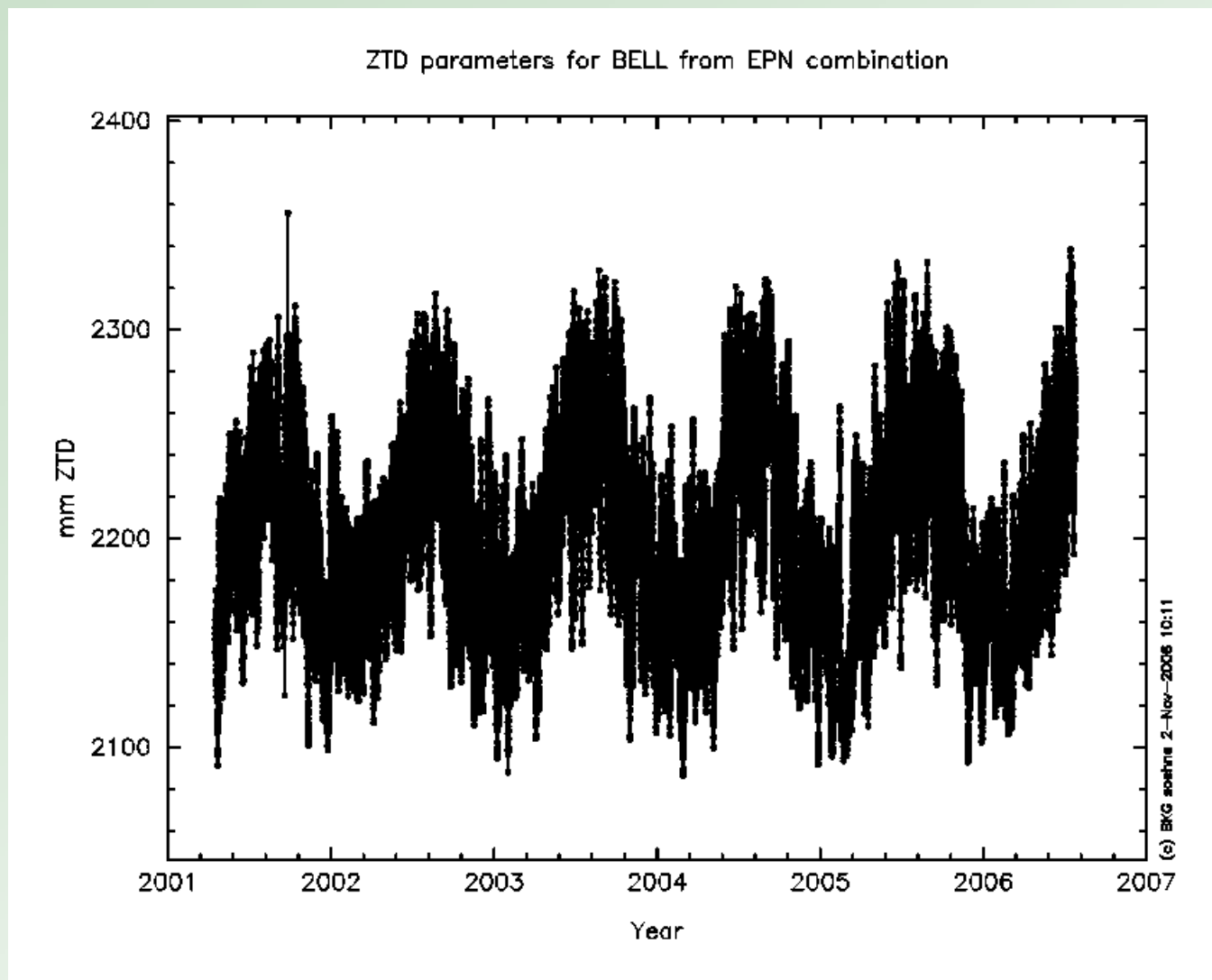


Troposphere Special Project

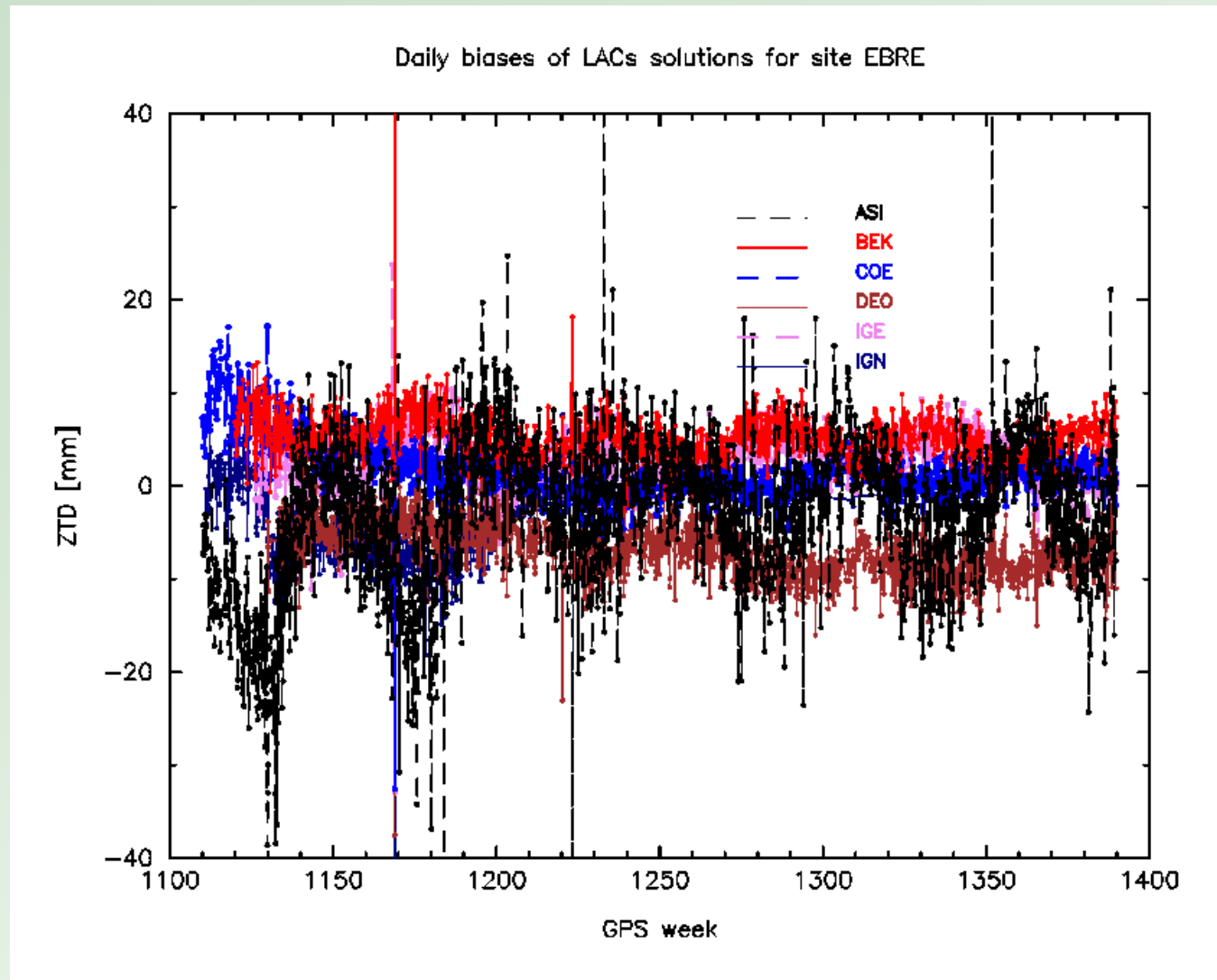




Troposphere Special Project



Troposphere Special Project

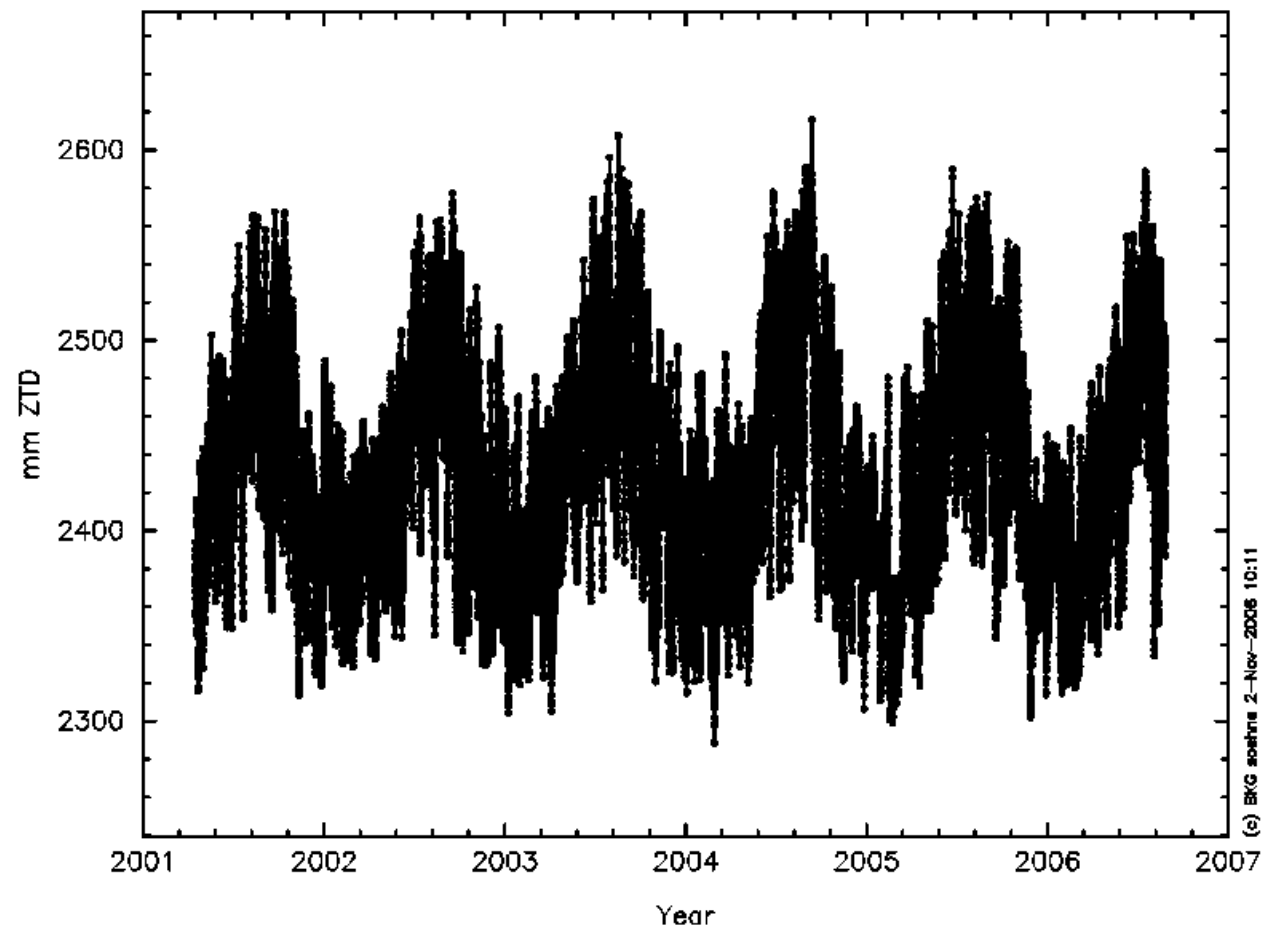




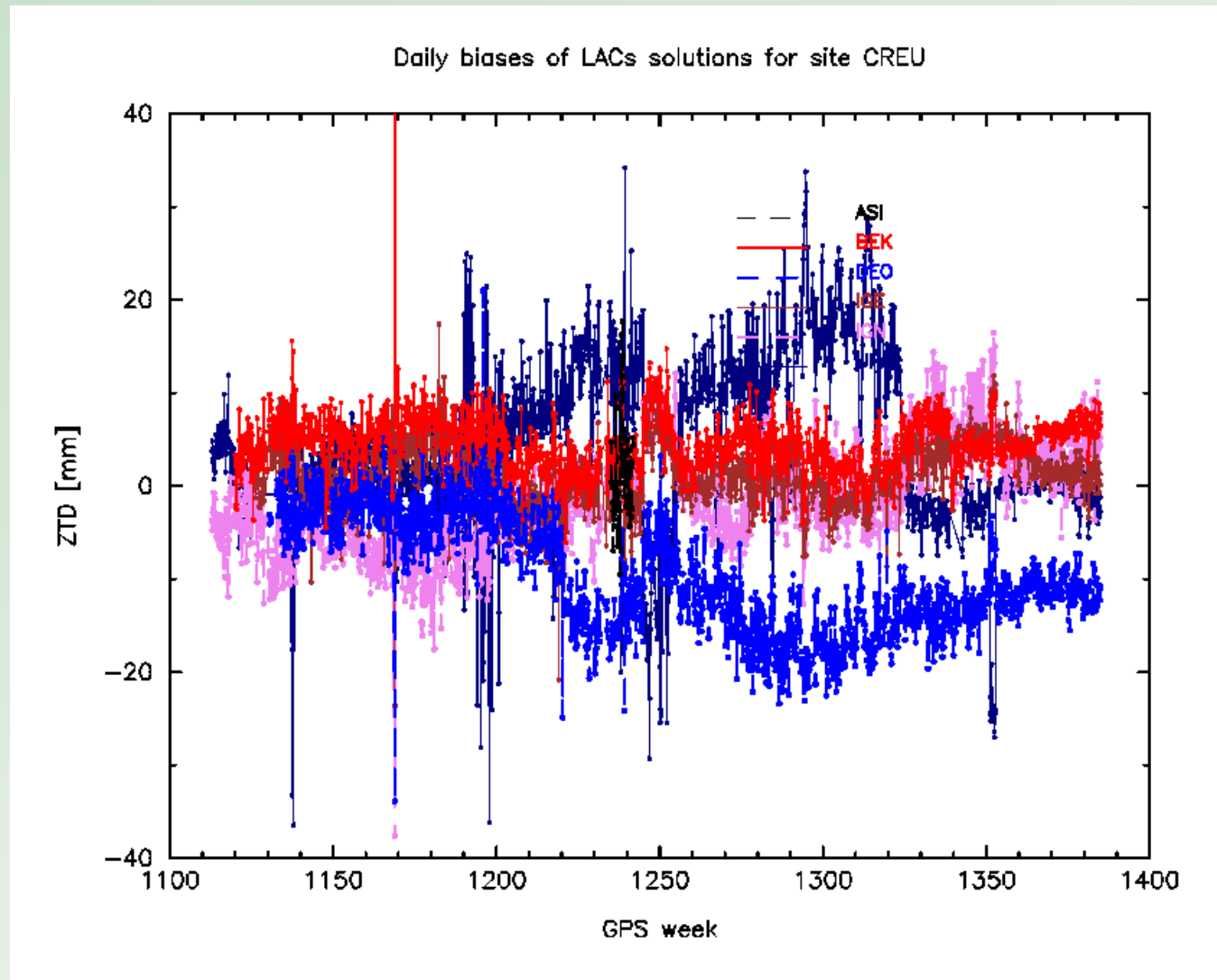
Troposphere Special Project



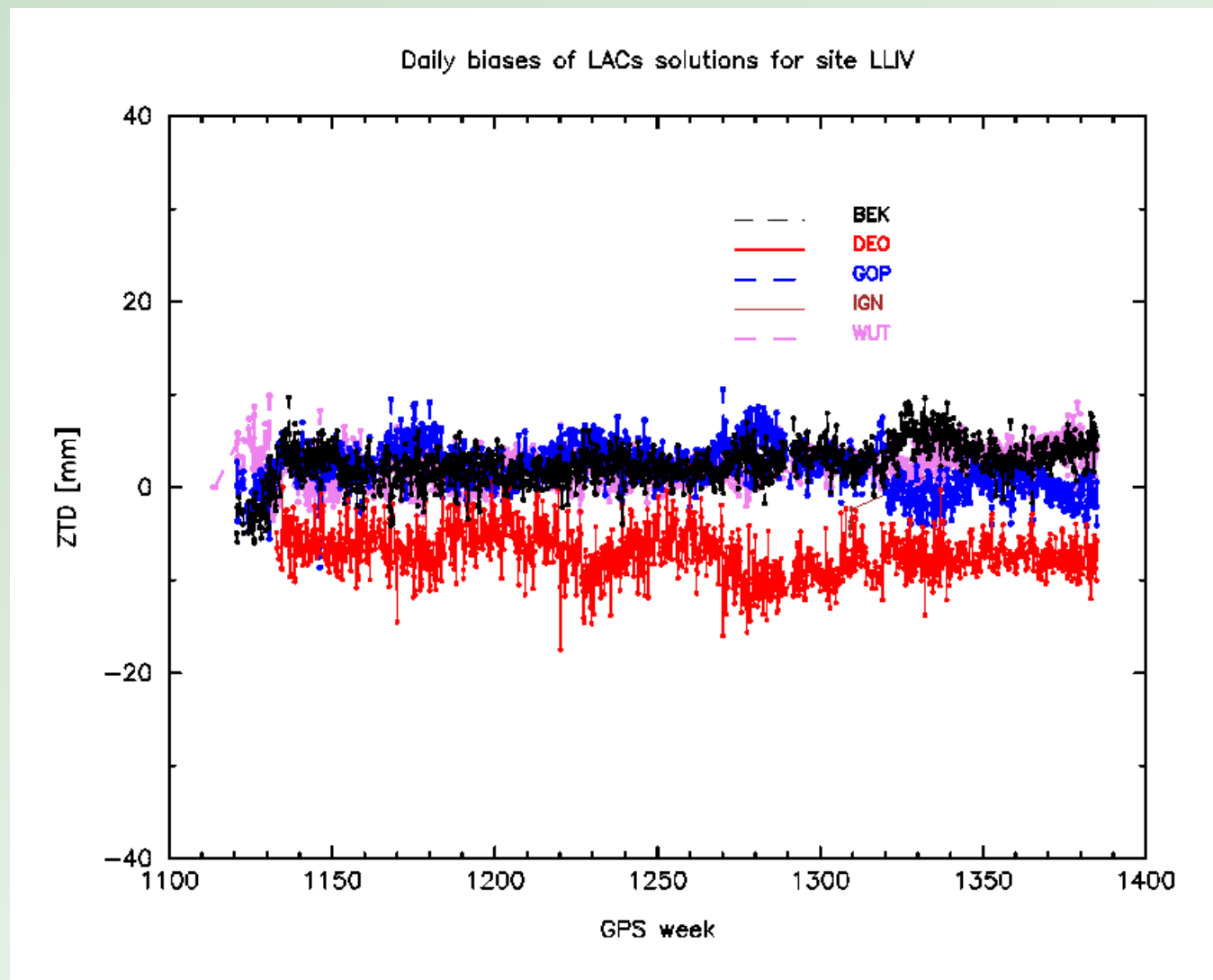
ZTD parameters for EBRE from EPN combination



Troposphere Special Project



Troposphere Special Project





Troposphere Special Project



ZTD parameters for LLIV from EPN combination

