

Changelog

Post-processed GRACE/GRACE-FO Geopotential GSM Coefficients COST-G RL01 (Level-2B Product)

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This document lists changes that occurred to the data set Dahle & Murböck (2020), http://doi.org/10.5880/COST-G.GRAVIS_01_L2B

V. 0002:

- Initial version.

V. 0003 (21 April 2023):

- For the GRACE-FO period, the Level-2 products used as input for this dataset have changed from COST-G GRACE-FO *RL01* (Meyer et al., 2020) to *RL02*.
- Replacement of C_{30} coefficients by corresponding values from a GRACE/GRACE-FO + SLR combination (auxiliary file 'GRAVIS-2B_COSTG_GRACE+SLR_LOW_DEGREES_0003.dat') is only applied during the period 2016/11 through 2017/06 (i.e., the last seven available months of the GRACE period), but not any longer for the months 2018/06 and later (i.e., the GRACE-FO period).

References:

Meyer, U., Lasser, M., Jäggi, A., Dahle, C., Flechtner, F., Kvas, A., Behzadpour, S., Mayer-Gürr, T., Lemoine, J.-M., Koch, I., Flury, J., Bourgogne, S. (2020): International Combination Service for Time-variable Gravity Fields (COST-G) Monthly GRACE-FO Series. V. 01. GFZ Data Services. <https://doi.org/10.5880/ICGEM.COST-G.002>