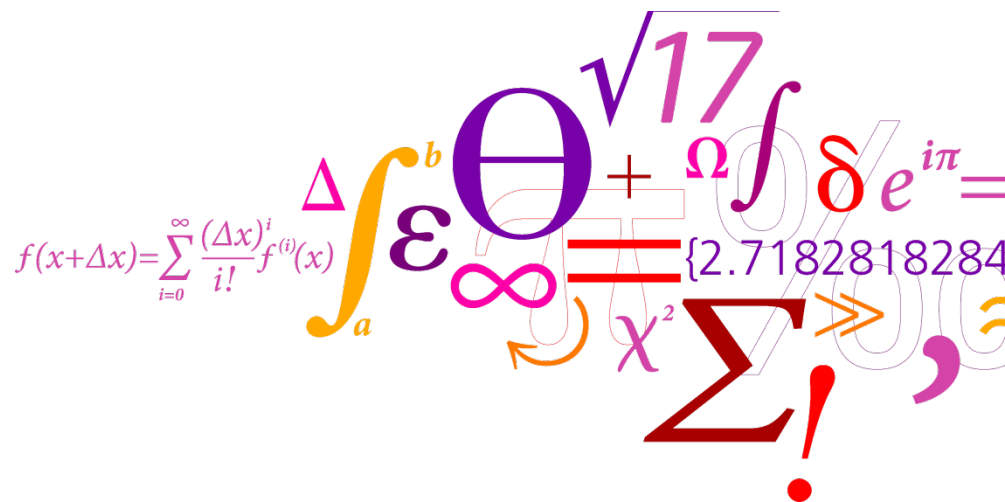


NKG gravity DB: Gravity Data Release (release01tmp) for NKG202X Geoid Project

by

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Jonathan F. Kirby, DTU Space, Denmark



Contents

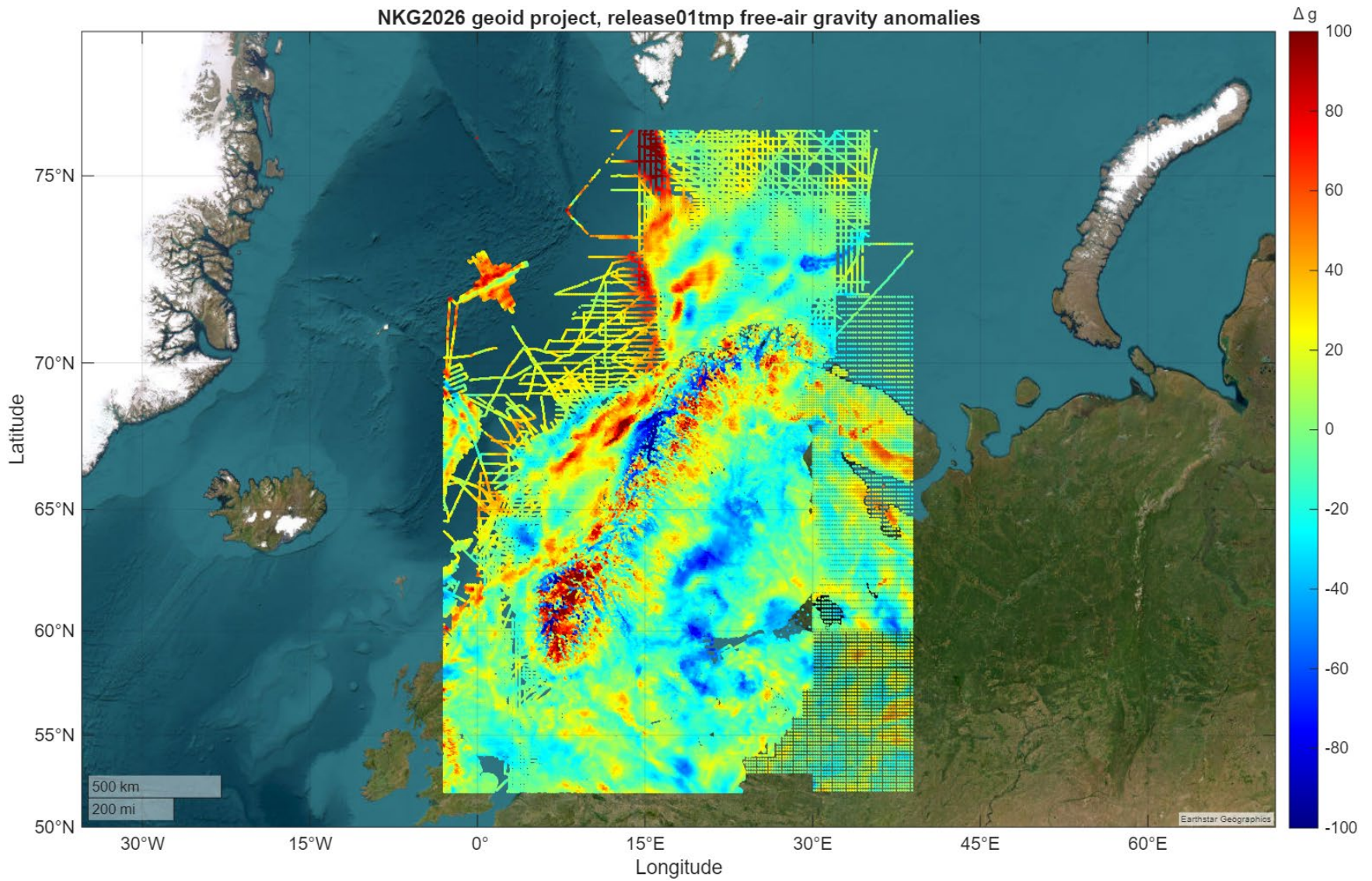
- Data release: **release01tmp** of AUG 4, 2026
- Work ahead
- New facilities (if needed): Example

Data release: **release01tmp** of AUG 4, 2026

- Pre-release activities since NKG WGGH meeting in Tallinn in March 2026
 - Permissions by data owners and which data sources to use
 - Ongoing QC of inventory by data owners and submission to NKG DB
- NKG DB:
 - Licenses and administration
 - Contacting data owners: building NKG2026 licenses
 - DB backup and building new DB facilities
- Online status meeting (JUNE 18, 2026):
 - Status and country representatives
 - Estimated release date: August 3, 2026

release01tmp released on AUG 4, 2026, to country representatives (one representative per country).

NKG2026 geoid project, release01tmp free-air gravity anomalies



release01tmp feedback

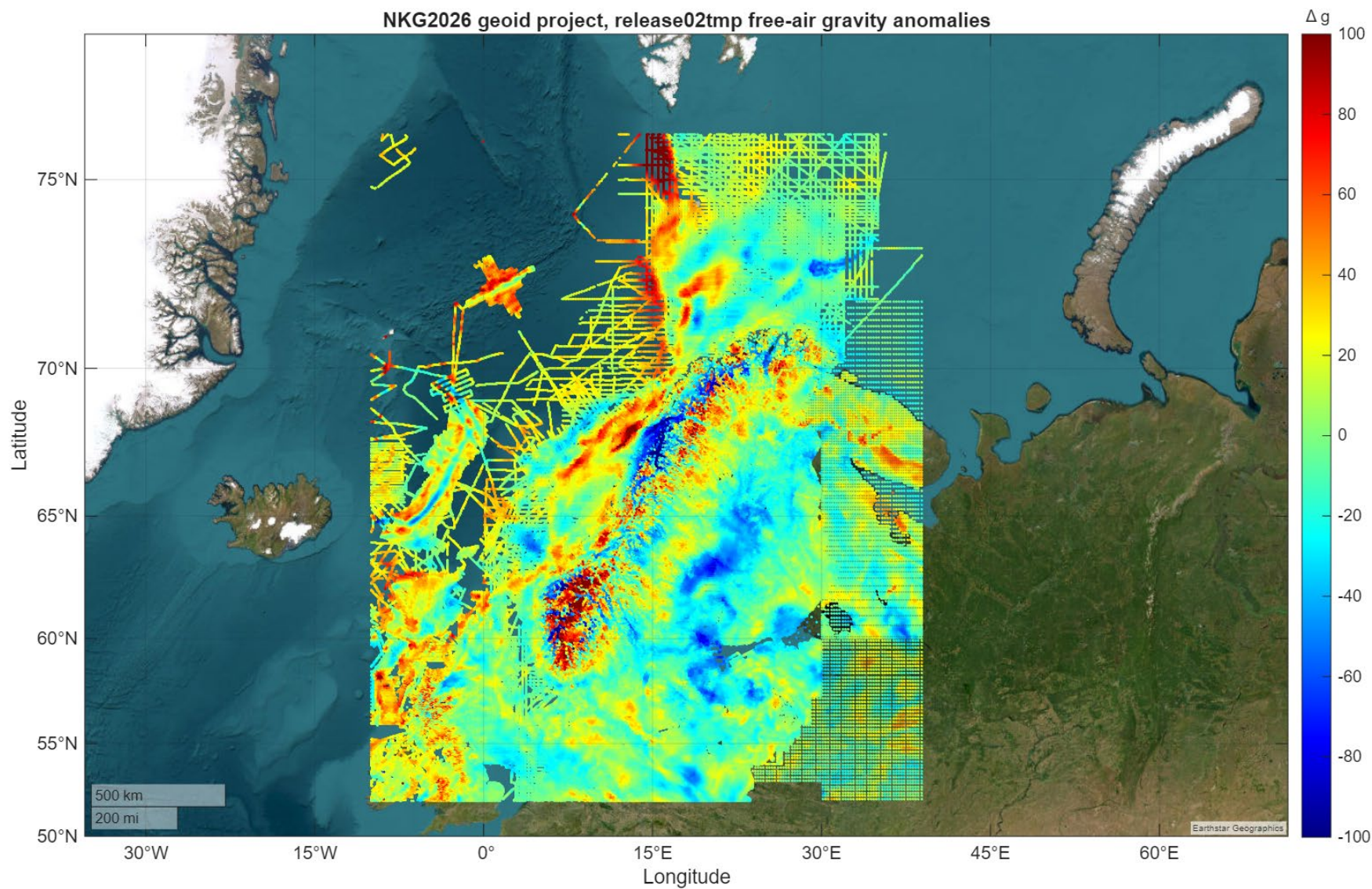
- Ongoing continuous feedback from computation centres
 - Simple corrections to data sources: Andreas, Ove, Jonas/Ove (Vättern)
 - General comments from Joachim:
 - overlapping data sources (the same data in different versions)
 - wrong classification of some data sources in text-documents
 - text-documents may refer to source numbers not in **release01tmp**
 - Accuracies + missing data: Sander
 - Some specific Estonian sources have wrong accuracies
 - Baltic Airborne Project data missing
- Online status meeting (September 7, 2026): **release01tmp feedback**
 - Correction of **release01tmp** starts in October 2026
 - new data sources(?): Gabriel, Mirjam
 - Holes in data coverage: Gulf of Finland (Sander)
 - Estimated date for official **release01**: November 2, 2026

Splinter meeting @ NKG GA Vilnius (?)

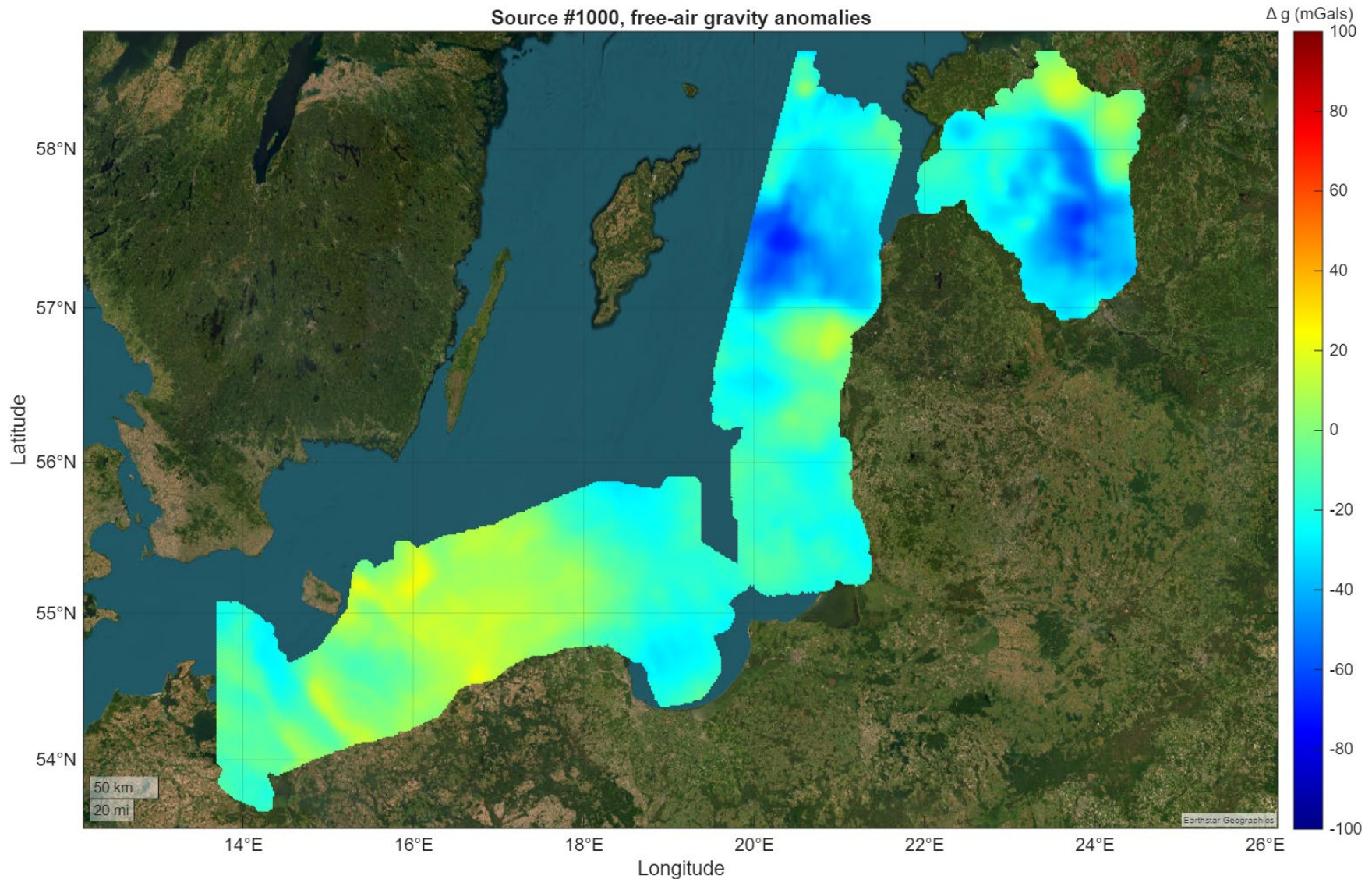
Work ahead

- Ongoing continuous feedback from computation centres to **release01**
 - corrections to included data sources
 - new data sources (if any)
 - **release01** (smaller area): **release01_v01**, **release01_v02** ... etc.
- **Release02** (larger area)
 - Tentative owner licenses for data in NKG gravity DB created
 - Contact (some) data owners and get their approval (Jon)
 - QC (?): Gravity activities around Faroe Islands in 2027.
 - Estimated date for official **release02tmp**: 2nd half 2027

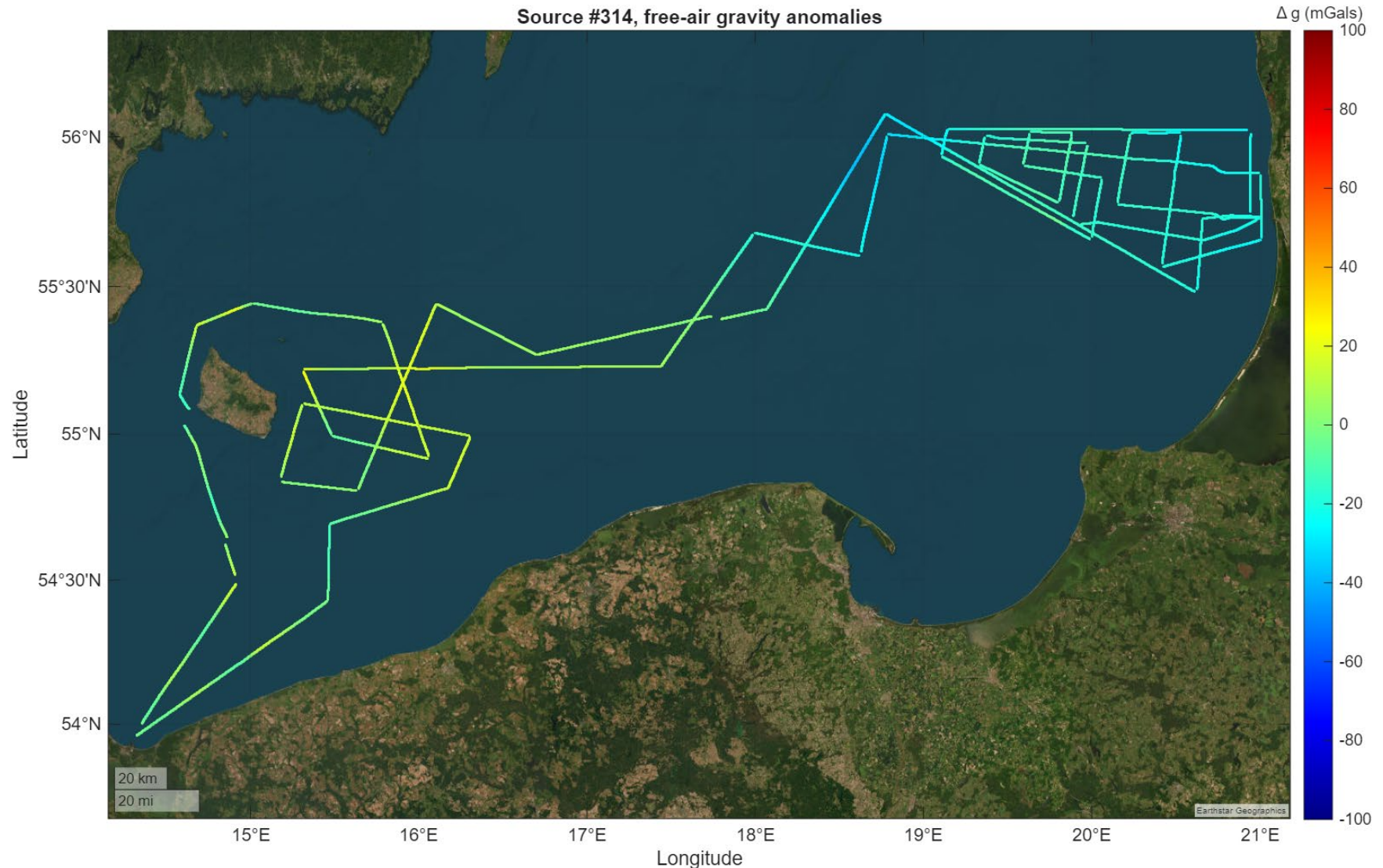
NKG2026 geoid project, release02tmp free-air gravity anomalies



New facilities (if needed): Example



New facilities (if needed): Example



New facilities (if needed): Example

