

Magnetic Anomaly Map of East and Southeast Asia, Revised Version (3rd Edition)

This is a product of the CCOP-GSJ MAMEA project “Compilation and Publication of a Revised Magnetic Anomaly Map of East Asia at 1:4,000,000” (2016-2020). A magnetic anomaly map of 12°S-46°N and 93°E-160°E was compiled using old and new aeromagnetic and marine magnetic data collected by the CCOP Member Countries and other organizations. The compilation area was expanded compared to the 2nd edition map published in 2002 (Magnetic Anomaly Map of East Asia 1:4,000,000 CD-ROM Version, Digital Geoscience Map P-3) to cover most of the East and Southeast Asia region.

[Contains the following files]

Explanatory Note

The folder “maps” includes the following four JPEG files:

- mamea20.jpg for “Magnetic Anomaly Map of East and Southeast Asia”
- thmal.jpg for “Magnetic Anomaly Map of the Thailand–Malaysia Area”
- phil.jpg for “Magnetic Anomaly Map of the Philippines Area”
- png.jpg for Magnetic Anomaly Map of the Papua New Guinea Area”

The folder “grids” includes the following four ASCII data files:

- Data file mamea20.xym includes a 2-minute grid data set of magnetic anomalies used to make “Magnetic Anomaly Map of East and Southeast Asia,” excluding the area where the WDMAM data were used.
- Data file thmal.xyhm includes a 1-minute grid data set of magnetic anomalies used to make “Magnetic Anomaly Map of the Thailand–Malaysia Area”
- Data file phil.xyhm includes a 1-minute grid data set of magnetic anomalies used to make “Magnetic Anomaly Map of the Philippines Area”
- Data file png.xyhm includes a 1-minute grid data set of magnetic anomalies used to make “Magnetic Anomaly Map of the Papua New Guinea Area”