

Bouguer Gravity Anomalies in the eastern part of Hokkaido, Japan

Rie Morijiri[1], Toshio Hiroshima[1], Yasuaki Murata[2], Masahiko Makino[3], Masao Komazawa[3]

[1] Geophys.Dept., G.S.J., [2] GSJ, [3] Geological Survey of Japan

Geological Survey of Japan has published 1:200,000 Gravity maps of Japan. These maps are compiled from land gravity data. A new gravity map "Nemuro" was published. The map is compiled from about 13,000 land gravity data including 687 new gravity stations. Contour interval is 1 mgal. The area of this map is 144E-146E, and 42.50N-43.30N. Gravity data are issued not only by Gravity Survey of Japan but also by the following organizations: Geographical Survey Institute; New Energy Development Organization; Japan Petroleum Exploration Co., Ltd. We introduce this gravity map and discuss about remarkable structural boundaries in the eastern part of Hokkaido, Japan.