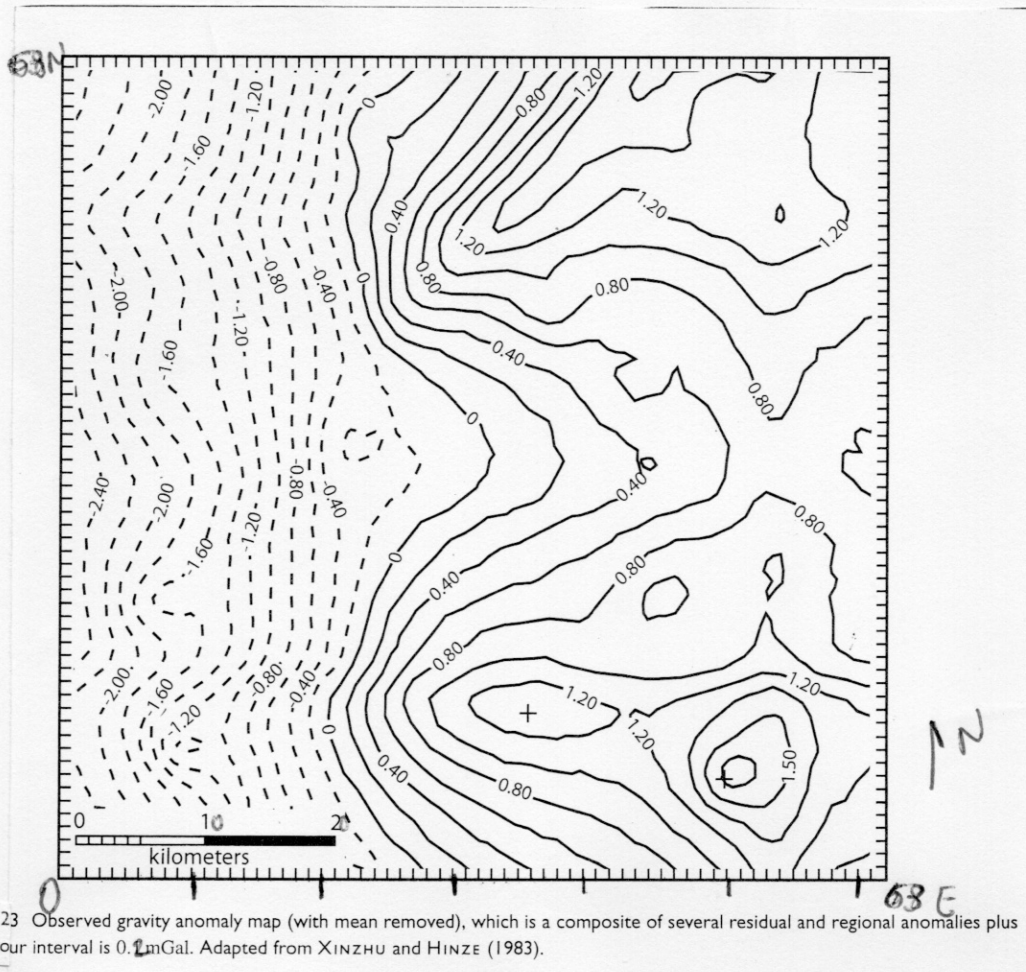


①



Mapa de anomalia Bouguer $\rightarrow$ mapa ①
removido um valor médio
contorno 0,2 mGal
obtido em $z=0$ metros
63 km x 63 km
tick $\rightarrow$ 1 km

6.5 Anomaly isolation and enhancement

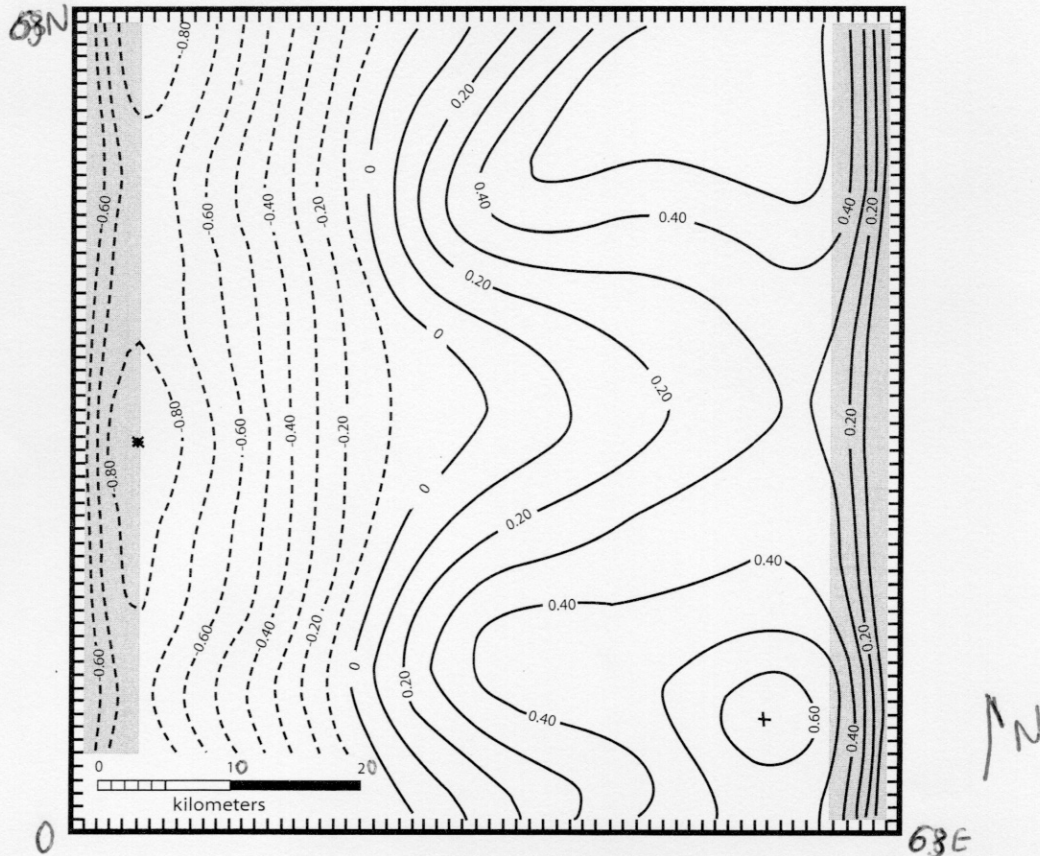


FIGURE 6.24 Band-pass filtered gravity anomaly map ($2 < \lambda < 4$ km) of the gravity anomaly map shown in Figure 6.23. Contour interval is 0.1 mGal. The gray-shaded margins include edge effects from the filtering that are typically avoided in anomaly interpretation. Adapted from XINZHU and HINZE (1983).

filtro passa banda $(2 < \lambda < 4 \text{ km})$ aplicado

no mapa ①

Intervalo de contorno 0,1 mGal

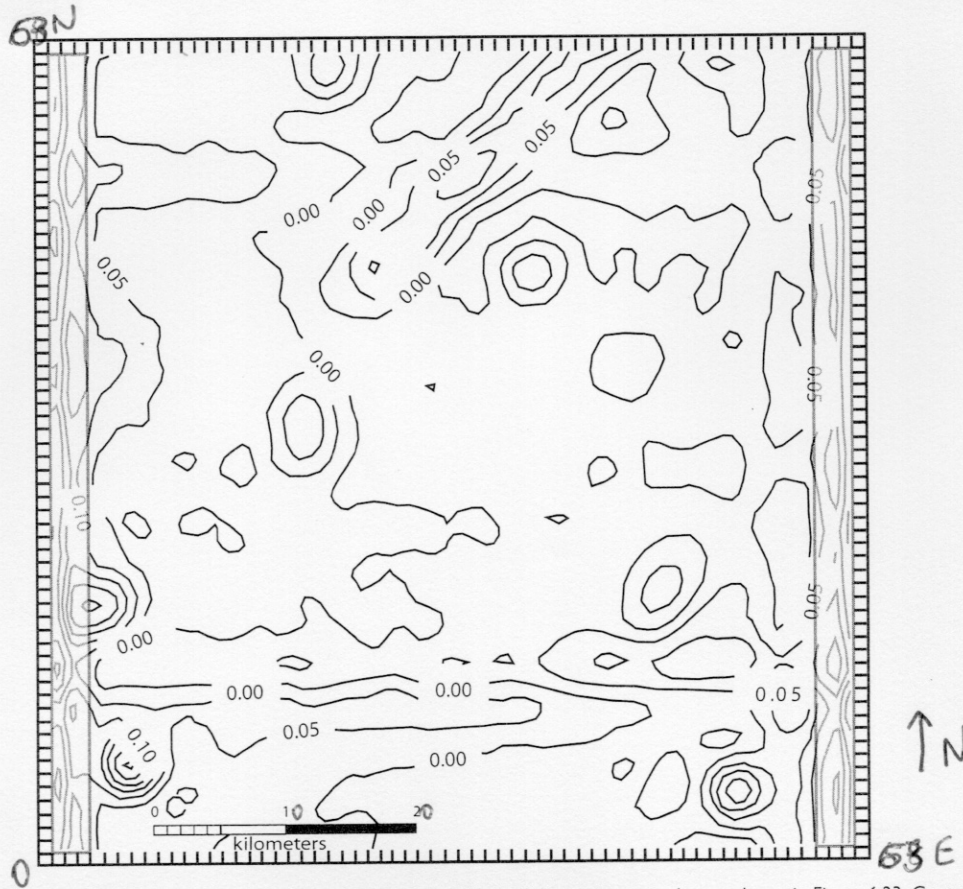


FIGURE 6.25 Band-pass filtered gravity anomaly map ($300 < \lambda < 1,000$ m) of the gravity anomaly map shown in Figure 6.23. Contour interval is 0.05 mGal. The gray-shaded margins include edge effects from the filtering that are typically avoided in anomaly interpretation. Adapted from XINZHU and HINZE (1983).

filtro passa banda ($300 < \lambda < 1000$ m)
 aplicado no mapa ①
 Intervalo de contorno 0,05 mGal

(4)

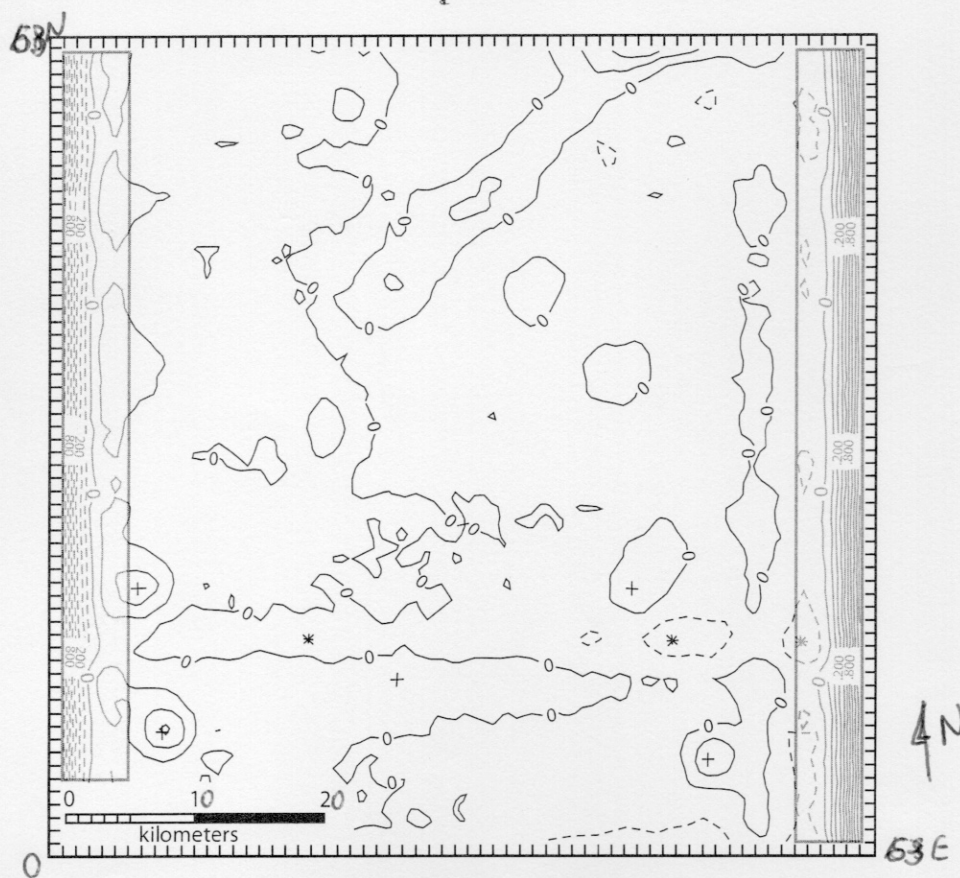


FIGURE 6.26 High-pass filtered gravity anomaly map ($\lambda < 1$ km) of the gravity anomaly map shown in Figure 6.23. Contour interval is 0.1 mGal. The gray-shaded margins include the high-gradient edge effects from the filtering that are typically ignored in anomaly interpretation. Adapted from XINZHU and HINZE (1983).

filtro passa alta ($\lambda < 1$ km) aplicado ao mapa ④. Intervalo de contorno 0,1 mGal

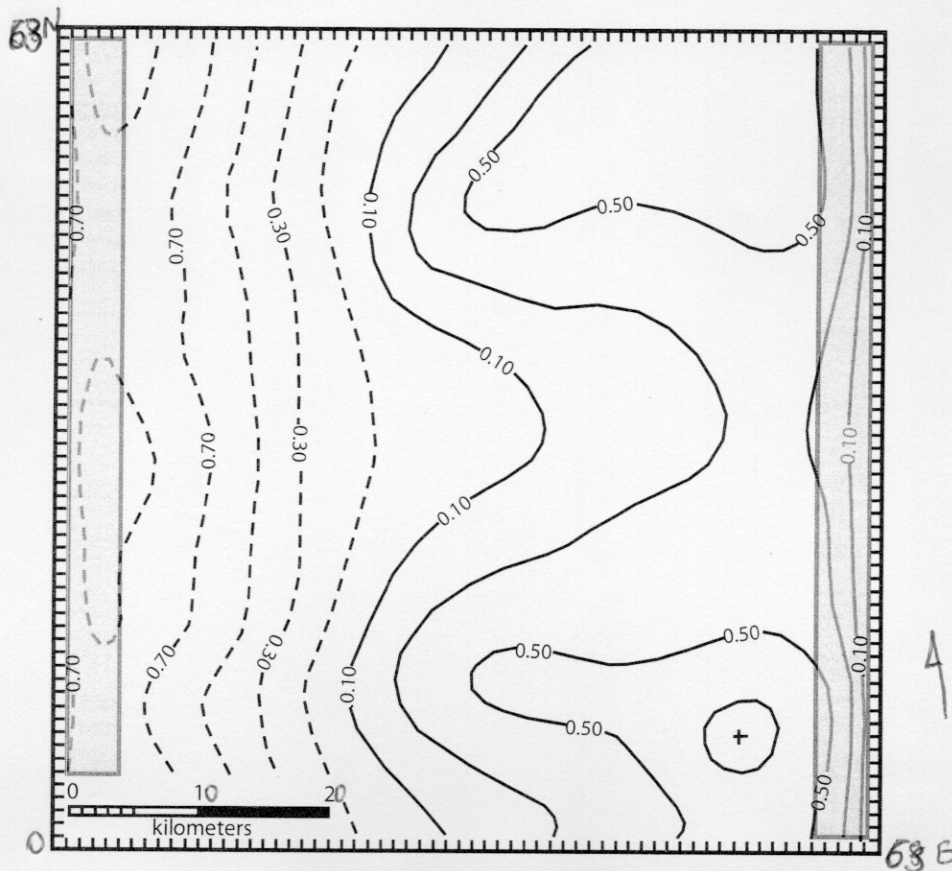


FIGURE 6.33 Upward-continued gravity anomaly of the gravity anomaly map shown in Figure 6.23 at 300 m above the observation level. Contour interval is 0.2 mGal. The gray-shaded margins include edge effects from the filtering that are typically ignored in anomaly interpretation. Adapted from XINZHU and HINZE (1983).

continuação p/ cima do mapa ①

continuação a 300 m acima do nível de observação
intervalo de contorno 0,2 mGal

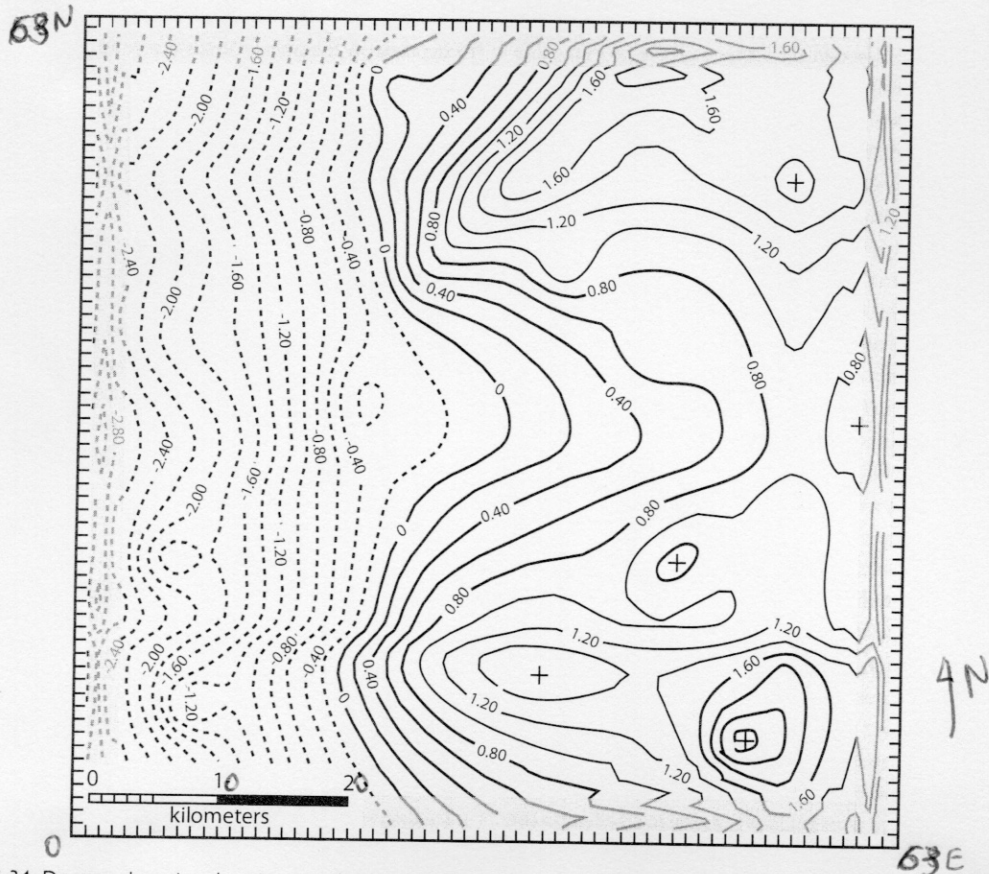


FIGURE 6.34 Downward-continued gravity anomaly of the gravity anomaly map in Figure 6.23 at a level of 50 m below the observation level. Contour interval is 0.2 mGal. The gray-shaded margins include edge effects from the filtering that are typically ignored in anomaly interpretation. Adapted from XINZHU and HINZE (1983).

continuação para baixo do mapa (1)
 continuação 50m p/ baixo
 intervalo de contorno 0,2 m gal

12.4 Anomaly isolation and enhancement

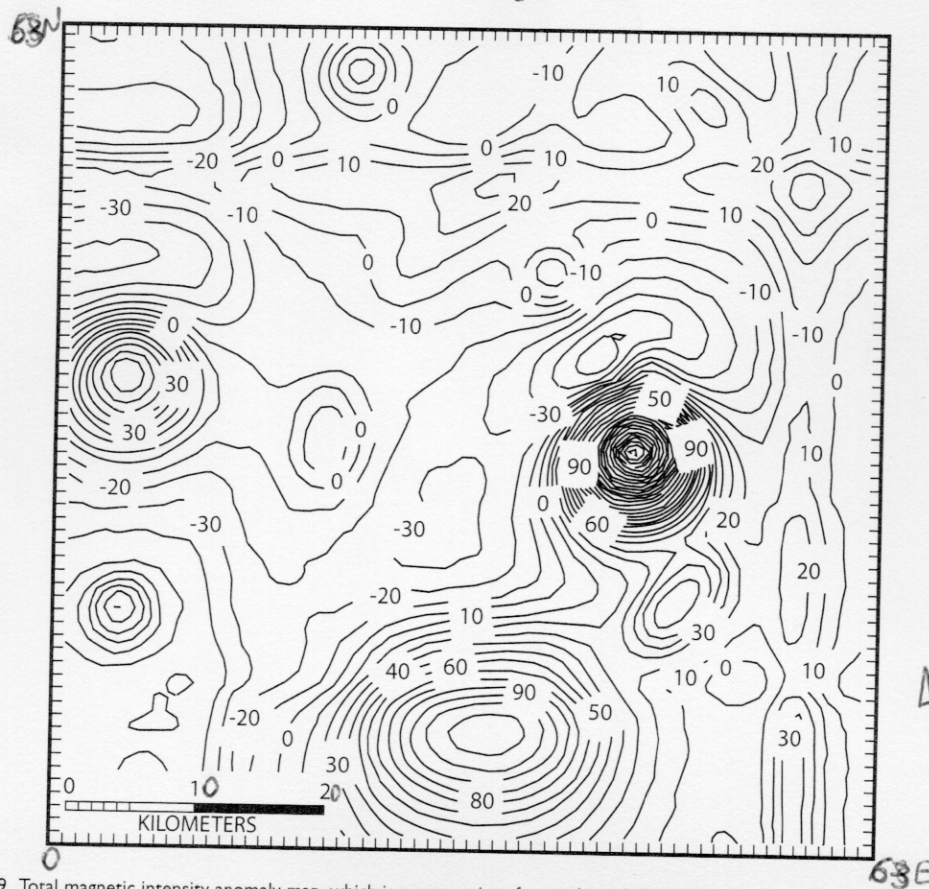


FIGURE 12.9 Total magnetic intensity anomaly map, which is a composite of several residual and regional anomalies plus noise. This is the magnetic equivalent of the gravity anomaly map shown in Figure 6.23. Contour interval is 10 nT. Adapted from XINZHU and HINZE (1983).

mapa de ~~eo~~ anomalia de campo magnético total

(campo magnético - IGRF) → mapa ②

região e situação igual ao de mapa ①

campo total $|\vec{B}| = 50.000 \text{ nT}$

$I = +60^\circ$

$D = -5^\circ$

área $63 \times 63 \text{ km}$ marcas a cada 1 km

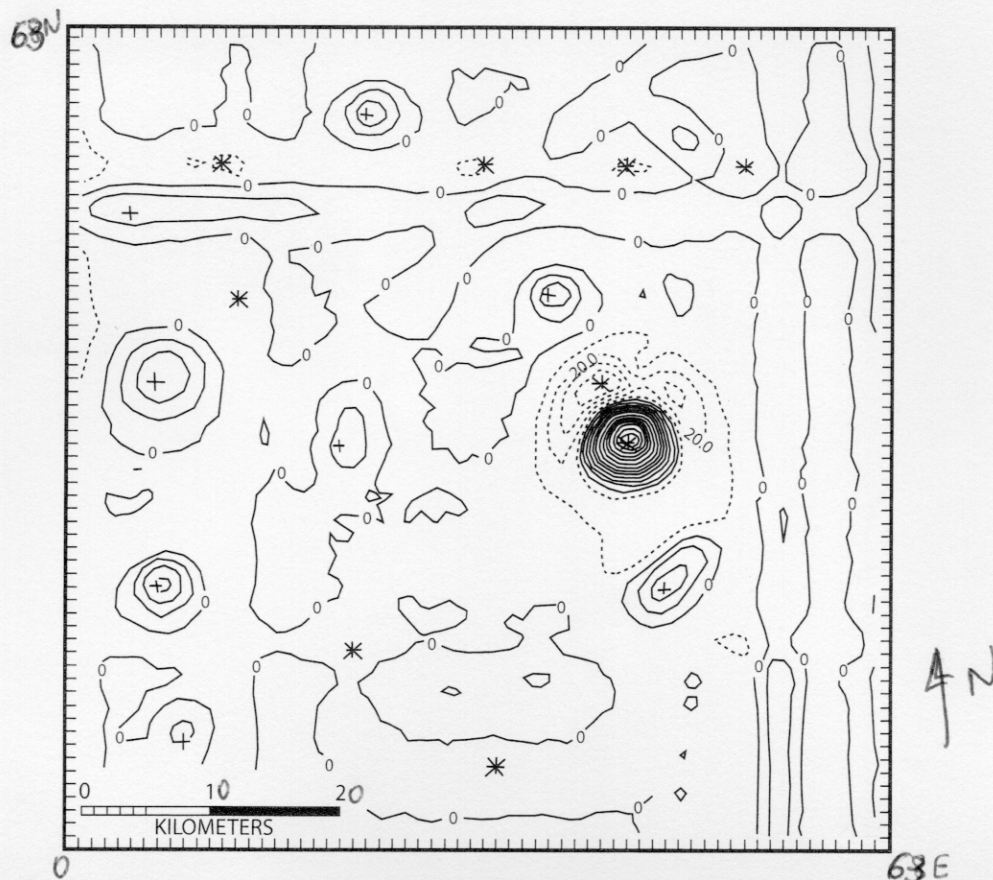


FIGURE 12.10 High-pass filtered magnetic anomaly ($\lambda < 1,000$ m) of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 10 nT. Dashed contours are negative. Adapted from XINZHU and HINZE (1983).

filtro passa alto ($\lambda < 1000$ m) do mapa ②
intervalo de contornos 10 nT

12.4 Anomaly isolation and enhancement

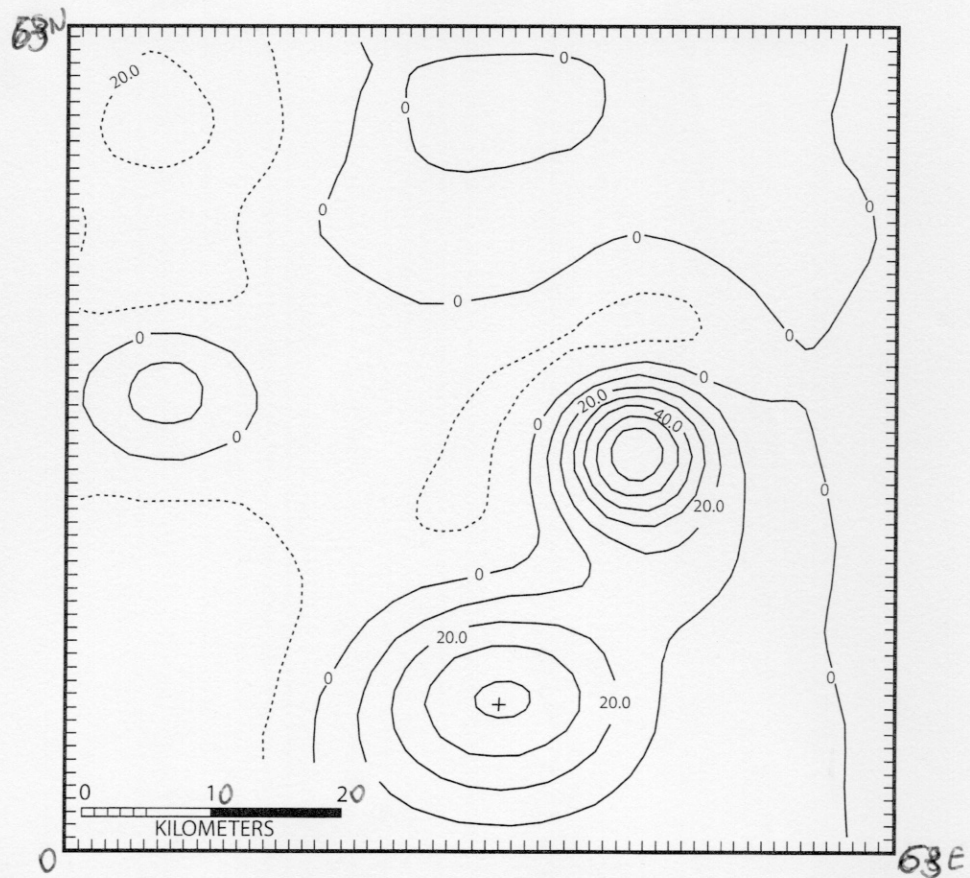


FIGURE 12.11 Band-pass filtered magnetic anomaly ($2,000 \text{ m} < \lambda < 4,000 \text{ m}$) of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 10 nT. Dashed contours are negative. Adapted from XINZHU and HINZE (1983).

filtra passa banda ($2000 \text{ m} < \lambda < 4000$) aplicada
ao mapa ②
intervalo de contornos 10 nT

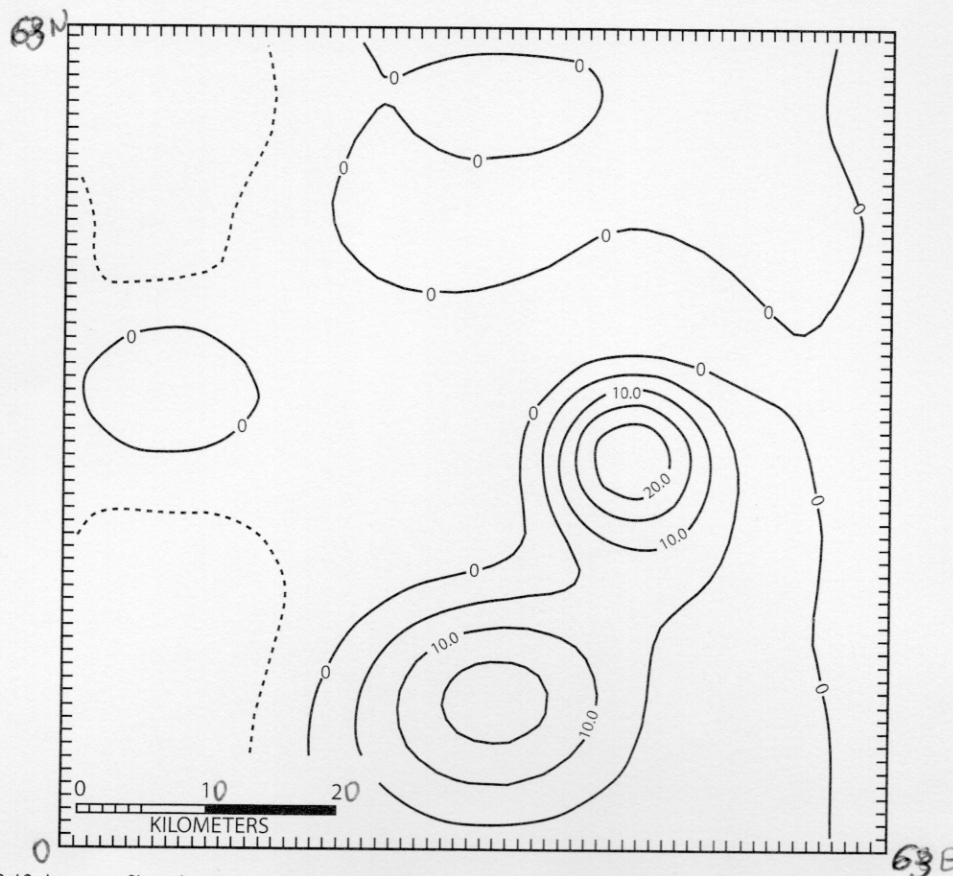


FIGURE 12.12 Low-pass filtered magnetic anomaly ($\lambda > 4,000$ m) of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 10 nT. Dashed contours are negative. Adapted from XINZHU and HINZE (1983).

filtro passa baixa ($\lambda > 4000$ m) aplicado
no mapa ②
intervalo de contornos 5 ~~10~~ nT

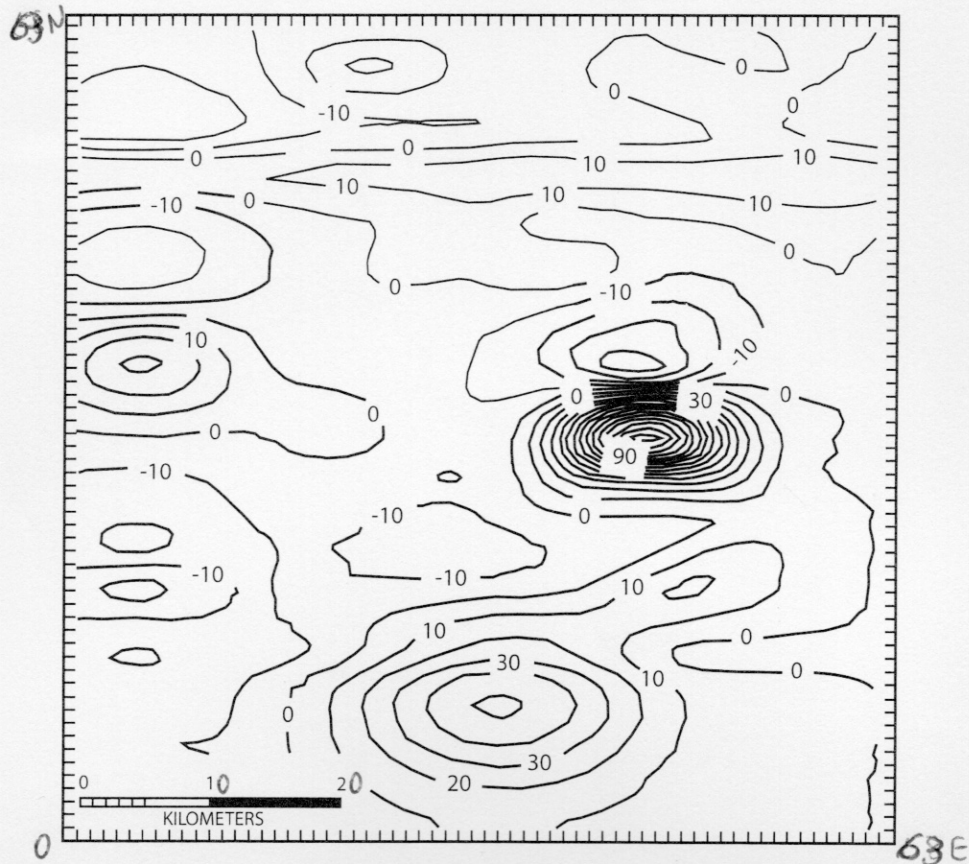


FIGURE 12.13 Strike-pass filtered magnetic anomaly components with azimuths in the range $60\text{--}120^\circ\text{E}$ of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 10 nT. Adapted from XINZHU and HINZE (1983).

Filtro direcional, azimuth no intervalo de $60\text{ a }120^\circ\text{E}$.
 aplicado no mapa ②
 Intervalo de contornos 10 nT

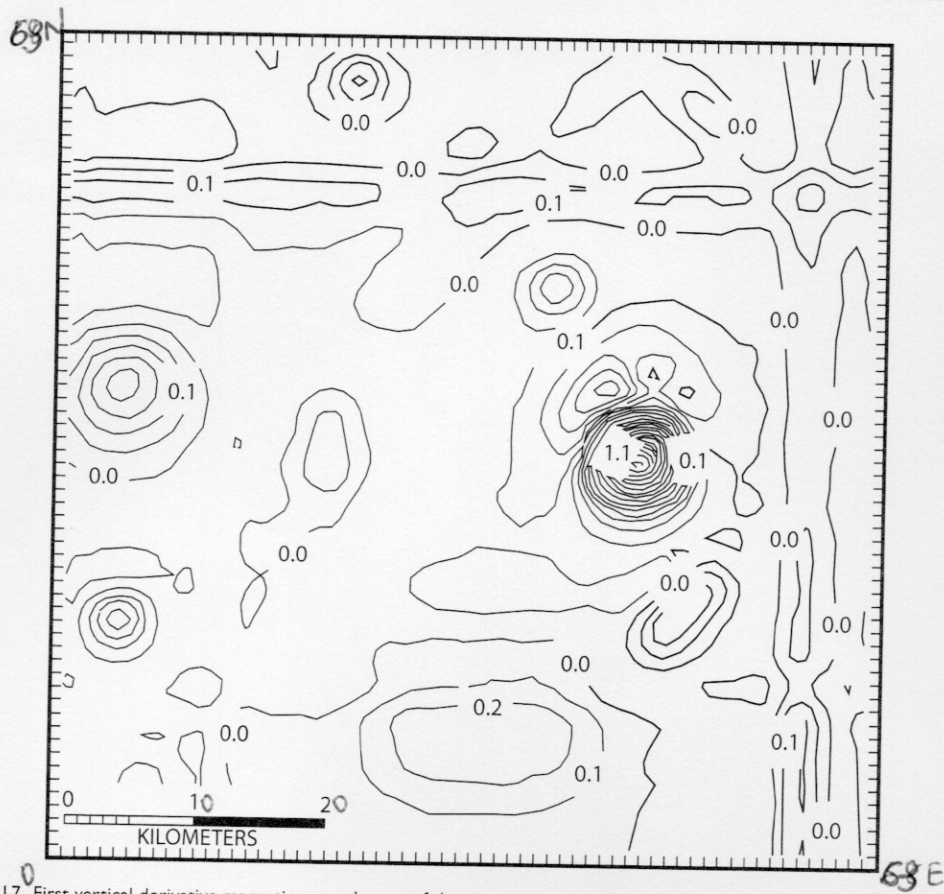


FIGURE 12.17 First vertical derivative magnetic anomaly map of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 0.1 nT/m. Dashed contours are negative. Adapted from XINZHU and HINZE (1983).

Fig

1ª derivada vertical do mapa (2)

Intervalo de contorno 0,1 nT/m

12.4 Anomaly isolation and enhancement

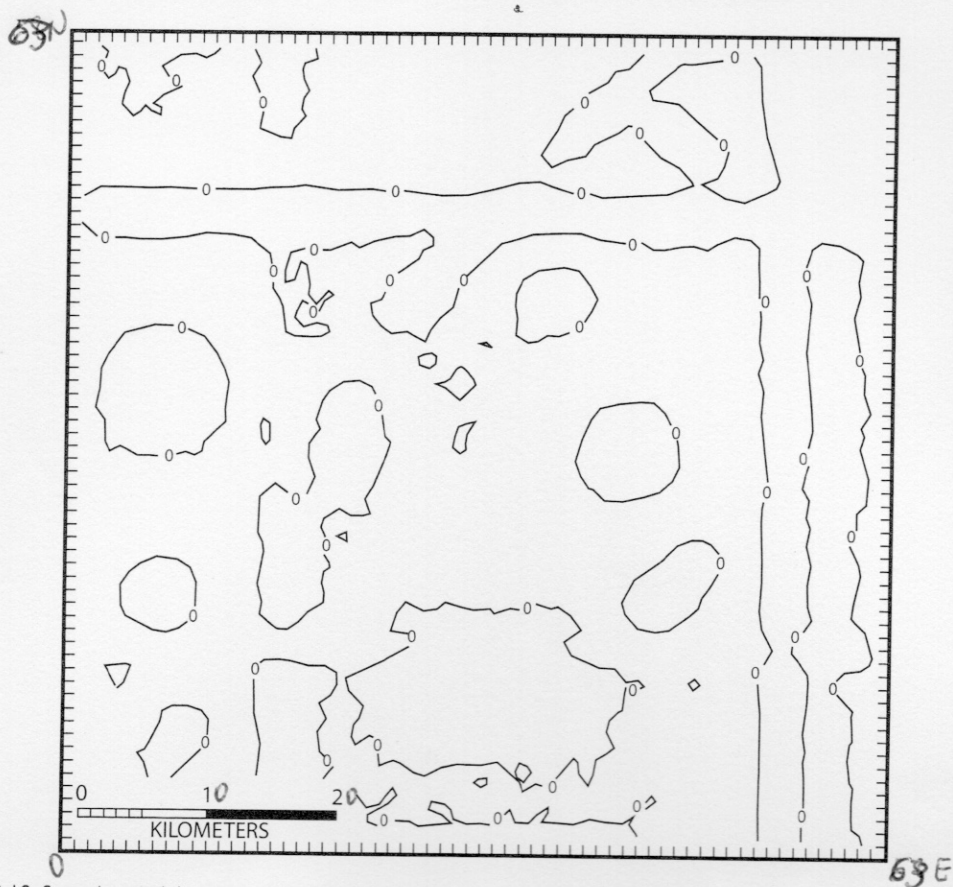


FIGURE 12.18 Second vertical derivative magnetic anomaly map at an elevation of 100 m of the composite magnetic anomaly map shown in Figure 12.9. Only the zero second vertical derivative contour is plotted. Adapted from XINZHU and HINZE (1983).

2ª derivada vertical do mapa ②
 só contorno de 0 nT/m^2 está plotado

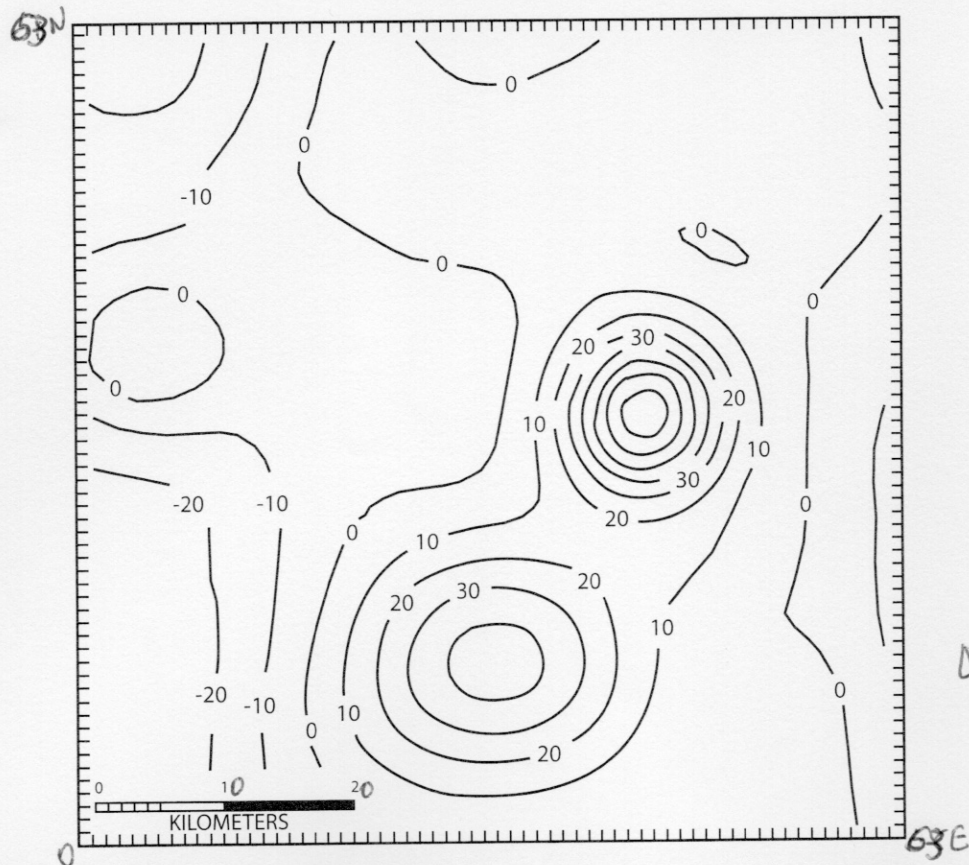


FIGURE 12.19 Upward continued magnetic anomaly to an elevation of 300 m of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 10 nT. Adapted from XINZHU and HINZE (1983).

continuação para cima (300m) do mapa reduzido
 Intervalo de contornos 10nT
 ao polo
 16

12.4 Anomaly isolation and enhancement

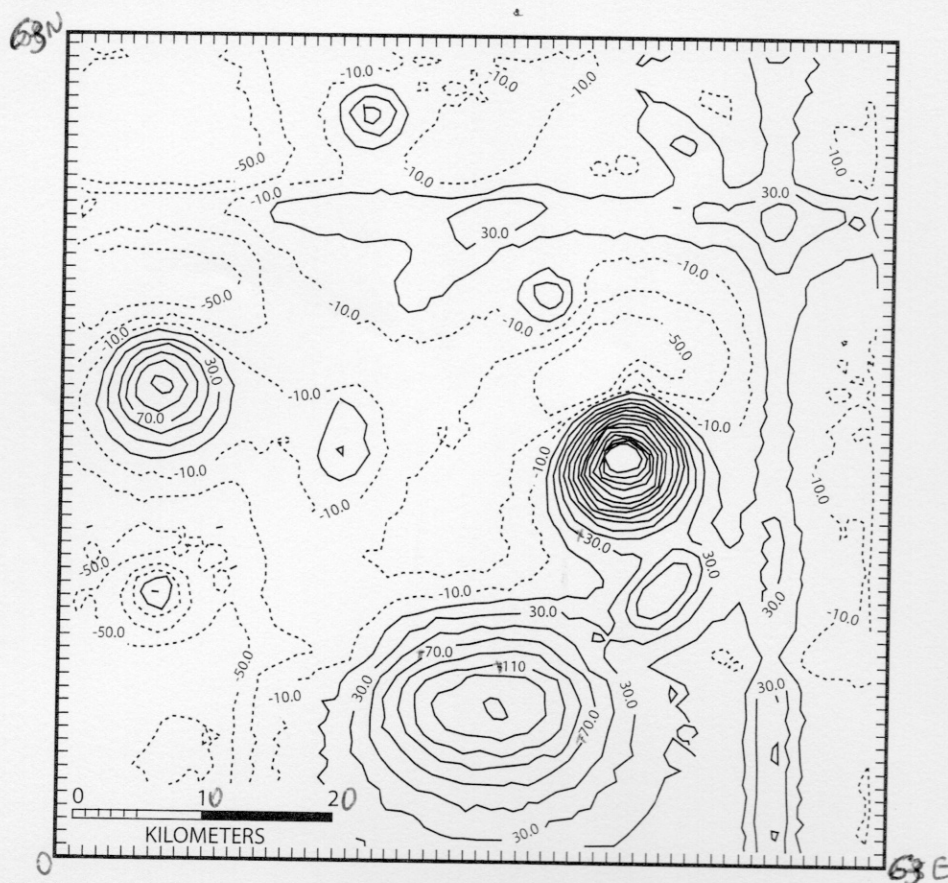


FIGURE 12.20 Downward continued magnetic anomaly to an elevation of -50 m of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 20 nT. Dashed contours are negative. Adapted from XINZHU and HINZE (1983).

Continuação p/ baixo (-50 m) do mapa (2)
 intervalo de contorno 20 nT
 — linha continua positiva

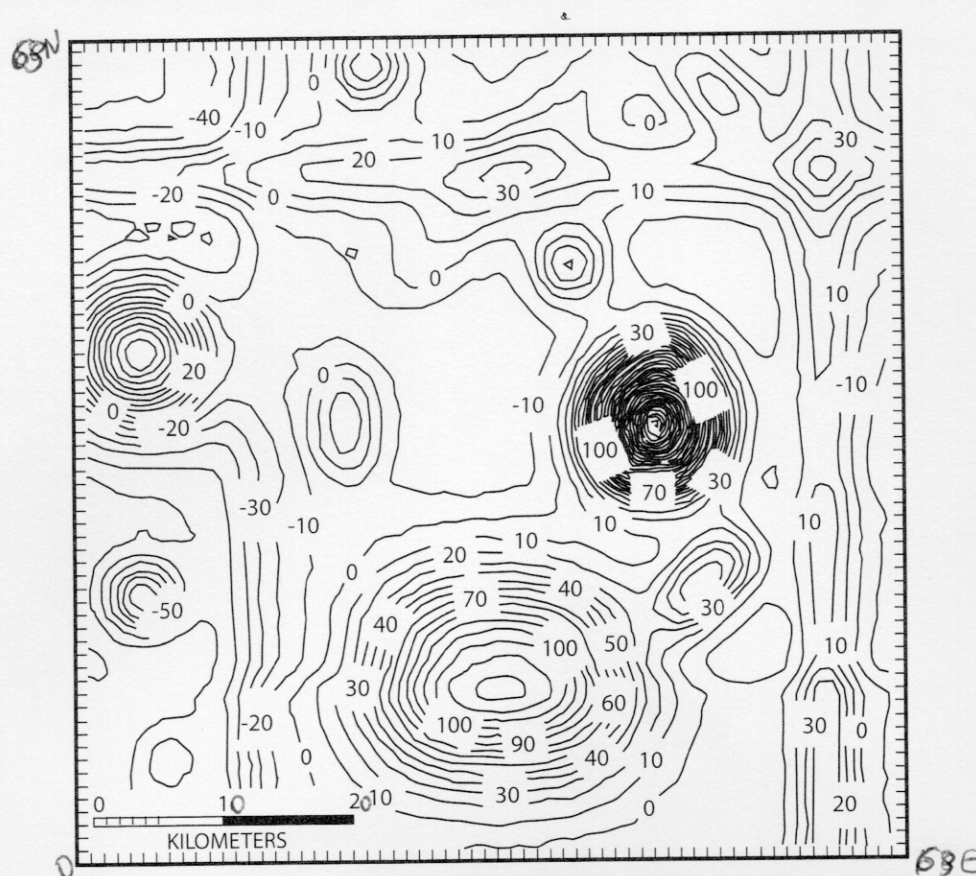


FIGURE 12.23 Reduced-to-pole magnetic anomaly map of the composite magnetic anomaly map shown in Figure 12.9. Contour interval is 10 nT. Adapted from XINZHU and HINZE (1983).

redução ao polo do mapa (2)
intervalo de contorno 10 nT