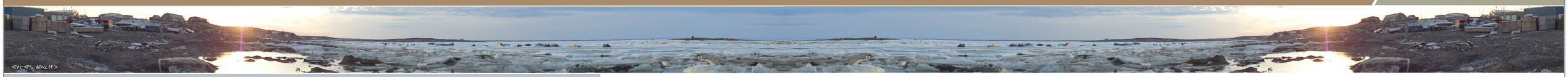

ᐅᑯᒪᐃᑦᑐᖅ ᓯᑯᑉ ᖄᖓᐅᖁᒪᐃᑦᑐᕕᓂᐅᓂᖏᓐᓂᒃ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᑦ!

ᑕᐃᑲᓂ ᒫᓐᓇᓵᖅ ᓯᑯᐃᓐᓇᐅᓚᐅᖅᖢᓂ ᓯᑯᐃᔭᓯᒋᐊᓚᐅᖅᑐᖅ ᐱᒋᐊᕐᓂᖓᓂ 75,000 ᐊᕐᕌᒍᑦ ᐊᓂᒍᖅᑐᑦ, ᓯᕐᒦᑦ ᐊᖏᔪᒻᒪᕆᐋᓘᓚᐅᖅᓯᒪᔪᑦ ᓄᓇᒥ ᐃᓗᐊᓂ ᐊᒻᒪᓗ ᐊᕙᓗᐊᓂ ᑕᓯᐅᔭᕐᔪᐊᖅ, ᐋᕿᒃᓯᓯᒪᓚᐅᖅᑐᑦ ᓄᓇᒥᒃ ᓯᑯᓯᒪᐃᓐᓇᕐᑎᑦᑎᓪᓗᑎᒃ ᐊᑎᖃᖅᑐᖅ ᓄᓇᒥᒃ ᐅᓕᒃᓯᓯᒪᔪᖅ ᓯᑯᐃᓐᓇᖅ. ᓱᓕ ᑕᑯᔪᓐᓇᖅᑕᕗᑦ ᐃᖏᕐᕋᕕᕕᓂᖓ ᑕᒪᑐᒪ ᓯᑯ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊᓂ ᐊᒻᒪᓗ ᐊᑯᓂᐋᓗᒃ ᐊᒃᑐᐃᓯᒪᓂᐊᖅᑐᖅ ᓄᓇᒥᒃ ᐅᓪᓗᒥᒧᑦ.

ᐊᑕᐅᓯᖅ ᐊᒃᑐᐃᓯᒪᓗᐊᖑᐊᖅᑐᖅ ᓯᕐᒦᑦ ᓄᓇᒥᒃ ᓴᓕᒍᖅᑐᑦ. ᐅᓇ ᐅᖁᒪᐃᓗᐊᒧᑦ ᓯᑯ ᐊᔭᒃᓯᔪᖅ ᓄᓇᒥᒃ ᐊᑖᒍᑦ, ᑕᐃᒪᓗ
ᖁᕙᕆᐊᖅᑎᑦᑎᓲᖅ ᓄᓇᒥᒃ ᑭᓯᐊᓂ ᐊᑦᑎᖕᓂᖅᓴᐆᖕᒥᔪᖅ ᑕᕆᐅᑉ ᐃᒪᖓᓂᑦ. ᑕᐃᒪᓗ ᓯᑯᐊ ᐲᖅᐸᑦ ᓯᑯᐃᔭᖅᐸᓪᓕᐊᓂᖓᓄᑦ, ᑕᒪᓐᓇ
ᓄᓇ ᐳᒃᑕᑳᓪᓚᖕᓂᐊᖅᑐᖅ ᖁᑦᑎᒃᓯᒋᐊᕐᓗᓂ. ᑕᐃᑲᓂ ᑭᖑᓪᓕᖅᐹᖓᓂ ᓯᑯᐃᔭᖅᐸᓪᓕᐊᓕᖅᑎᓪᓗᒍ, ᐱᓇᖕᓇᖓ ᑕᓯᐅᔭᕐᔪᐊᖅ
ᐊᑭᓐᓇᖅᐸᓯᐊᓂ ᐊᑖᓃᓚᐅᖅᓯᒪᔪᖅ ᐃᓚᖏᓐᓂ ᐃᔾᔪᓂᖅᐹᓂᑦ ᐃᓚᖓᓂᑦ ᓯᑯ (ᓲᕐᓗ ᑭᕙᓪᓕᕐᒥ ᒥᖅᓲᑎᖑᐊᖅ) ᐊᒻᒪᓗ ᑕᐃᒪᐃᒻᒪᑦ
ᐊᒃᑎᒃᓯᓯᒪᑎᑕᐅᓂᑯ ᐊᖏᔪᒥᒃ.

ᐱᒋᐊᕐᓂᖓ

ᓄᓇ ᓄᓇᕐᔪᐊᒥ-ᐊᖏᓂᖓ ᓯᕐᒦᑦ ᐊᖏᔪᒥᒃ ᐊᒃᑐᐃᓯᒪᔪᑦ ᓄᓇᖓᓂᒃ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊ:

• ᖄᓕᒫᑦᑎᐊᖓ ᐅᔭᕋᓱᒃᒧᒃ, ᓱᕋᑦᑎᓯᒪᔪᓪᓗ ᐅᔭᖃᑦ ᓄᓇᖓ ᐊᒻᒪᓗ ᖃᓄᑐᐃᓐᓇᖅ ᐋᕿᒃᓱᖅᓯᒪᔪᑦ ᓱᓕ ᑕᑯᒃᓴᐅᔪᑦ ᐅᓪᓗᒥ.

• ᓄᓇᖓᓂ ᐃᒥᒃᑎᑦᑎᓲᖅ ᐊᑖᒍᑦ ᐅᖁᒪᐃᓗᐊᒧᑦ ᐊᒻᒪᓗ ᐅᑎᕐᔭᖅᖢᑎᒃ, ᑕᕆᐅᖅ ᐃᒪᖓ ᖄᖓᓄᐊᖅᖢᓂ ᓯᒡᔭᖏᓐᓂ.
• ᐲᕌᖓᑦ ᖄᖓᓃᑦᑐᖅ, ᓄᓇ ᐅᑎᕐᔭᓲᖅ ᐊᒻᒪᓗ ᑕᕆᐅᖅ ᐅᑎᑦᑎᐊᖅᐸᒃᖢᓂ, ᕿᒪᐃᓪᓗᓂ ᑕᕆᐅᖅ ᐃᖃᖓᓂᒃ ᓴᕿᑎᑦᑎᓪᓗᑎᒃ.
• ᐅᓪᓗᒥ ᓄᓇ ᓱᓕ ᐅᑎᕐᔭᓲᖅ ᑭᓯᐊᓂ ᓱᒃᑲᐃᓐᓂᖅᓴᐅᓪᓗᓂ, ᐊᒻᒪᓗ ᑕᕆᐅᖅ ᑲᔪᓯᔪᖅ ᐅᑎᖅᐸᓪᓕᐊᔪᖅ ᐊᒻᒪᓗ ᑕᕆᐅᕐᒦᑦᑐᑦ ᐅᔭᕋᑦᑎᐊᕙᐃᑦ ᓴᕿᑉᐸᓪᓕᐊᔪᑦ.

© ᐅᓇ ᑭᖕ ᐱᔪᓐᓇᐅᑎᖃᖅᑐᖅ ᑲᓇᑕᒧᑦ, ᑐᓂᔭᐅᔪᖅ ᒥᓂᔅᑕ ᓄᓇᒥᐅᑕᓕᕆᔨᒃᑯᑦ, 2023
ᑐᑭᓯᒃᑲᓐᓂᕈᓐᓇᖅᑐᑎᑦ ᐅᖃᓕᒫᒐᕐᓂᒃ ᑎᑎᕋᖅᑕᐅᒃᑲᓐᓂᕈᓐᓇᕐᓂᕐᒥᒃ ᐱᔪᓐᓇᐅᑎᑦ, ᐅᖃᕐᕕᒋᓗᒋᑦ ᓄᓇᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᑲᓇᑕ ᐅᕘᓇ
copyright-droitdauteur@nrcan-rncan.gc.ca.
ᐊᑦᑕᑕᖅᑎᓯᒪᐃᓐᓇᖅᑐᖅ ᐱᑐᒍᑎᖓ: https://doi.org/10.4095/332052
ᐅᓇ ᐅᖃᓕᒫᒐᖅ ᐱᔭᐅᔪᓐᓇᖅᑐᖅ ᐊᑭᖃᓐᖏᑦᑐᖅ ᖃᕆᓴᐅᔭᕐᓄᑦ ᐃᓕᐅᖃᕐᓗᒍ ᑖᒃᑯᑎᒍᑦ ᓄᓇᓐᖑᐊᓕᕆᔨᒃᑯᑦ ᑲᓇᑕ (https://geoscan.nrcan.gc.ca/).

ᓄᓇᓐᖑᐊᓕᐅᖅᑎᒃᑯᑦ ᑲᓇᑕ ᐃᒻᒪᑲᓪᓚᒻᒪᕆᐋᓗᒃ ᓯᑯᐃᓐᓇᐅᑎᓪᓗᒍ: ᑕᕆᐅᖓ ᑕᒫᓂ ᐱᓇᖕᓇᖓᓂ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊ ᐃᓄᓕᒫᓄᑦ ᒪᑐᐃᖓᔪᖅ 8992

1

ᓄᓇᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᑲᓇᑕ, ᓄᓇᓐᖑᐊᓕᐅᖅᑎᒃᑯᑦ ᑲᓇᑕ, 601 Booth Street, ᐋᑐᕚ, ᐋᓐᑎᐅᕆᐅ ᐊᑐᖁᔭᐅᔪᖅ ᐅᖃᓕᒫᒐᕐᓂᑦ ᖃᐅᔨᒪᔾᔪᑕᐅᓂᐊᖅᑐᖅ ᐸᐃᔾ, ᐃ.ᕕ. ᐊᒻᒪᓗ ᒥᒃᒫᑕᓐ, ᐊᐃ., 2023. ᐃᒻᒪᑲᓪᓚᒻᒪᕆᐋᓗᒃ ᓯᑯᐃᓐᓇᐅᑎᓪᓗᒍ: ᑕᕆᐅᖓ
ᑕᒫᓂ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊ, ᓄᓇᕗᑦ ᐊᒻᒪᓗ ᒫᓂᑑᐸ; ᓄᓇᓐᖑᐊᓕᐅᖅᑎᑦ ᑲᓇᑕ,
ᐃᓄᓕᒫᓄᑦ ᒪᑐᐃᖓᔪᖅ 8992, 1 ᐊᑭᐊᕐᒥᐅᑕᖅ.https://doi.org/10.4095/332052

ᐅᖃᓕᒫᒐᐃᑦ ᑕᕝᕙᓃᖃᓯᐅᑎᔪᑦ
ᑎᑎᖃᖏᑦ ᐋᕿᒃᓱᐊᓂᒃᓯᒪᓐᖏᑦᑐᑦ;
ᓴᕿᑕᐅᓂᐊᖅᑐᑦ ᑐᓂᔭᐅᒍᑎᒃ
ᑎᑎᕋᖅᑎᖓᓂᑦ.

ᐃ ᓄ ᓕ ᒫ ᓄ ᑦ ᒪ ᑐ ᐃ ᖓ ᔪ ᖅ
ᐱ ᖁ ᑎ ᖓ ᐃ ᓄ ᓕ ᒫ ᑦ

ᓄᓇᓐᖑᐊᓕᐅᖅᑎᑦ ᑲᓇᑕ

8992

2023

ᓴᕿᖃᑦᑕᓕᖅᐳᑦ ᓯᕐᒦᑦ ᐊᒻᒪᓗ ᐸᒡᕕᓴᐃᔪᑦ ᐃᓃᖅᓯᔪᑦ ᑕᕆᐅᕐᒥ

ᐊᓂᒍᖅᑎᓪᓗᒍ ᓯᑯᓕᒫᖃᓚᐅᖅᑐᖅ ᐳᖅᑐᓂᖃᖅᖢᓂ 22,000 ᐊᕐᕌᒍᑦ ᐊᓂᒍᖅᑐᓂ, ᓯᑯᐃᔭᖅᐸᓪᓕᐊᖏᓐᓇᕋᒥ ᑕᐃᑲᓂ ᐱᒋᐊᖅᖢᓂ. ᐊᐅᒃᐸᓪᓕᐊᔪᑦ ᓯᕐᒦᑦ ᐱᐅᔪᒻᒪᕆᐋᓗᖕᒥᒃ ᐋᕿᒃᓯᒪᖃᑦᑕᖅᐳᑦ ᓄᓇᖓᓂ ᑕᒫᓂ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊᓂ. ᓵᒡᓕᕙᓪᓕᐊᖏᓐᓇᕋᒥ ᐃᒻᒥᖅᐸᓪᓕᐊᓗᓂᓗ ᐊᑕᒋᐊᖅᑎᓪᓗᒍ ᓄᓇ ᐅᖁᒪᐃᓐᓂᖓᓄᑦ ᑕᐃᒪᓗ ᐳᖅᑐᓯᒋᐊᒃᑲᓐᓂᕆᕗᖅ ᐅᖁᒪᐃᓂᖓᓂᑦ ᓄᓇᒥᒃ ᐅᓕᒃᓯᓯᒪᔪᖅ ᓯᑯᐃᓐᓇᖅ, ᑕᐃᒪᓗ ᑕᕆᐅᕐᒥ ᐃᒪᖓᓂ ᐃᕗᓯᒪᕗᖅ ᐊᑎᒃᓴᖅᓴᐅᔪᑦ ᓄᓇᒥ

ᐊᕙᓗᐊᓂ ᓯᑯᓯᒪᔪᖅ ᓄᓇᓕᖕᒪᖅ ᐊᒻᒪᓗ ᐋᕿᒃᖢᓂ ᐊᖏᔪᐋᓗᖕᒥ ᓄᓇᑐᐃᓐᓇᒥ ᑕᕆᐅᖅ ᐊᑎᖃᖅᑐᖅ ᑕᕆᐅ ᑕᕆᐅᖓ. ᒫᓐᓇᐅᔪᖅ ᖃᐅᔨᓴᖅᑕᐅᔪᑦ ᑕᑯᑎᑦᑎᓯᒪᔪᑦ ᑕᒪᓐᓇ
ᐳᖅᑐᓛᖓ ᑕᕆᐅᕐᒥ ᐃᕗᔭᐅᓯᒪᔪᖅ ᖃᓂᒋᔮᓂ 8000 ᐊᕐᕌᒍᑦ ᐊᓂᒍᖅᑐᑦ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊ ᐊᒻᒪᓗ ᓴᕿᑎᑦᑎᓯᒪᕗᖅ ᐊᖏᓂᖅᐹᒥᒃ ᓯᒡᔭᒥᒃ, ᐊᑎᖃᖅᑐᖅ ᑕᕆᐅᖅ
ᑭᒡᓕᐊ ᐃᓱᐊ. ᐅᓇ ᑕᕆᐅᖅ ᐃᓱᐊ ᑕᐃᑲᓃᓛᐅᖅᓯᒪᔪᖅ >200 ᑭᓚᒦᑕᔅ ᓄᓇᑐᐃᓐᓇᒧᑦ ᐊᒻᒪᓗ ᖁᒻᒧᑦ 242 ᒦᑕ ᖁᓛᓂᑦ ᒫᓐᓇᐅᔪᖅ ᓯᒡᔭᖓᑕ ᑭᒡᓕᐊᓂᑦ ᑕᒪᓐᓇᓕᒫᖅ
ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᖓ.

ᐅᑎᔾᔭᓚᓲᖅ ᓄᓇ ᐊᒻᒪᓗ ᓄᖑᑉᐸᓪᓕᐊᓂᖓᑕᕆᐅᖅ

ᑕᐃᒪᖓᓂ ᓯᑯᐃᖅᐸᓪᓕᐊᖏᓐᓇᕋᒥ, ᓄᓇ ᐊᓯᕈᖅᐸᓪᓕᐊᖏᓐᓇᓲᖅ ᐋᕿᒍᑎᕙᓪᓕᐊᓗᓂ ᐲᖅᑎᑐᓄᑦ ᐅᖁᒪᐃᑦᑐᓂᑦ ᓯᑯᐊᓂᑦ ᖄᖓᓃᑦᑐᖅ ᑕᐃᒫᒃ ᐅᑎᕐᔭᒡᖢᓂ, ᓯᕗᓪᓕᕐᒥᒃ ᓱᑲᓪᓗᓂ ᐊᒻᒪᓗ ᑕᐃᒪ ᐅᑎᖅᔭᕐᐸᓪᓕᐊᖑᔭᖅᖢᓂ ᓱᒃᑲᐃᓐᓂᖅᓴᐅᓪᓗᓂ ᐊᑯᓂᐅᔪᒃᑯᑦ. ᐅᓪᓗᒥ, ᓄᓇ ᓱᓕ ᐅᑎᖅᔭᒃᐸᓪᓕᐊᕗᖅ, ᐳᖅᑐᓯᕙᓪᓕᐊᓗᓂ ᓱᒃᑲᑎᒋᔪᒥᒃ 1 ᓯᓐᑕᒦᑕ ᐊᕐᕌᒍᑕᒫᑦ. ᑕᐃᒪᓐᓇᐅᓂᖓᓄᑦ, ᑕᕆᐅᖅ ᐳᖅᑐᓂᖓ ᑕᒫᓂ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊ ᑲᑕᒐᖅᐸᓪᓕᐊᔪᖅ ᐊᒻᒪᓗ ᓯᒡᔭᖓᓅᑉᐸᓪᓕᐊᔪᖅ ᑲᓇᖕᓇᖓᓄᑦ.

ᑕᐃᒪᓐᓇᐅᕙᓪᓕᐊᓂᖓ ᐱᒻᒪᕆᐅᔪᖅ ᑕᕆᐅᕐᒧᑦ ᖃᓄᐃᑉᐸᓪᓕᐊᓂᕕᓂᖓ ᓴᕿᔮᖅᑐᖅ, ᖃᓂᒋᔭᖏᓐᓂ ᒪᓪᓕᓂᕕᓃᑦ, ᒪᓪᓕᑯᑖᓪᓗ, ᐊᒻᒪᓗ ᐃᑎᔪᑦ ᐃᒪᐃᑦ ᑕᕆᐅᕐᒥ
ᕿᒪᐃᓯᒪᕗᑦ ᑎᑎᕋᖅᓯᒪᓪᓗᓂ ᓄᓇᒥ ᓴᕿᔮᖅᑐᑦ. ᐃᓂᖃᑦᑎᐊᖅᑐᑦ ᓯᒡᔭᕕᓂᖓ ᑎᑎᖅᓯᒪᔪᖅ ᐊᒥᓱᓂᑦ ᐃᒻᒪᑲᓪᓚᓂᑕᕐᓂᒃ ᓯᒡᔭᓂᑦ, ᒪᓪᓕᕐᓂᕕᓂᖏᑦ, ᒪᓪᓕᕐᒥᑦ ᓅᑕᐅᓂᑯᑦ
ᐅᔭᕋᓱᒃᔪᑦ, ᑕᕆᐅᖅ ᐃᖃᖓ ᓄᓇᐅᓕᖅᑐᖅ, ᒪᓪᓖᕐᒥᑦ ᒪᓂᕋᕈᖅᑎᑕᐅᓯᒪᔪᑦ, ᐊᒻᒪᓗ ᐊᒥᓱᑦ ᑕᕆᐅᕐᒥᑦ ᐃᖃᖓᓂᖔᖅᓯᒪᔪᑦ, ᐊᒥᓱᑦ ᑕᓪᓗᕈᓐᓇᐃᑦ ᖄᖏᑦ, ᐅᑯᐊᓗ ᐱᑕᖃᓲᑦ
ᐊᑖᓂᑦ ᐃᕗᔭᐅᓂᑯᑦ. ᐅᑯᐊ ᓴᕿᔮᖅᑐᑦ ᑐᓴᕈᒥᓇᕋᓗᐊᕐᒪᑕ ᐃᒻᒪᑲᓪᓚᒃ ᑕᐃᒪᓐᓇᐅᑎᑕᐅᓯᒪᓂᖏᓐᓂᒃ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᒃᑎᒍᑦ ᑭᓯᐊᓂᑦᑕᐅᖅ ᐱᒻᒪᕆᐅᔪᑦ
ᖃᐅᔨᒪᔾᔪᑎᒋᓪᓗᒋᑦ ᓄᓇᐅᑉ ᖃᓄᕆᑑᓂᖓᐅᑯᐊᓗ ᐃᓱᒪᒋᔭᐅᑦᑎᐊᕆᐊᖃᖅᑐᑦ ᒫᓐᓇᐅᓕᖅᑐᖅ ᐃᓅᔪᓂᑦ.

ᓯᑯ ᐊᓯᐅᔪᖅ ᐊᒻᒪᓗ ᓄᓇ ᐱᑕᖃᓕᖅᑐᖅ
ᓴᕿᔮᖅᑐᑦ ᐋᕿᒋᐊᖅᓯᒪᔭᖏᑦ ᑖᒻ ᔭᐃᒻᔅ, ᓄᓇᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᑲᓇᑕ

c. ᐊᓂᒍᖅᑎᓪᓗᒍ
ᓯᑯᐃᔭᖅᐸᓪᓕᐊᓂᖓ

ᐊᐅᒍᓐᓇᓚᐅᓐᖏᑦᑐ
ᖅ ᑕᕆᐅᖅ

ᓄᓇᓐᖑᐊᓕᐊᕆᓪᓗᒍ ᐃᑦᑕᕐᓂᑕᒻᒪᕆᐋᓗᒃ ᑕᕆᐅᖅ

ᐃᓚᖏᑦ ᓄᓇᐃᑦ ᐋᕿᒃᓯᒪᓂᖏᑦ ᓴᕿᑎᓯᒪᔪᑦ ᓯᑯᐃᔭᓚᐅᖅᑎᓐᓇᒍ ᑕᕆᐅ ᑕᕆᐅᖓ ᓱᓕ
ᑕᑯᒃᓴᐅᔪᖅ ᓄᓇᒥ ᐅᓪᓗᒥ. ᐃᑦᑕᕐᓂᑕᐃᑦ ᓯᒡᔭᖏᑦ ᐊᒻᒪᓗ ᓄᓇᕈᖅᓯᒪᔪᖅ ᑕᕆᐅᖅ ᕿᑎᐊᓂ

ᐊᕕᒃᓯᒪᔪᖅ ᐊᕙᑖᓂ, ᐃᕗᔭᐅᓂᑯᑦ ᑕᐃᑲᓂ ᐊᐅᒃᑎᓪᓗᒍ ᐃᒪᖓ ᐊᒻᒪᓗ ᑰᑦ ᐃᓯᖅᖢᑎᒃ
ᑕᕆᐅᕐᒧᑦ, ᐊᒻᒪᓗ ᐋᕿᑦᑎᐊᖅᓯᒪᓕᓲᑦ ᒪᓪᓕᕐᓂᖓᓄᑦ ᒪᓪᓕᕐᕕᐅᓪᓗᑎᒃ ᐅᔭᖃᓄᑦ ᐊᒻᒪᓗ
ᐃᖃᖓᓂᑦ ᑕᑯᑎᑦᑎᔪᓐᓇᖅᑐᑦ ᓇᒦᓐᓂᕐᒪᖔᑦ ᓯᒡᔭ ᑭᖑᓂᑦᑎᓐᓂ. ᑕᕆᐅᖅ ᑕᓪᓕᕐᓂᕕᓂᖏᑦ
ᓯᐅᕋᓂ ᐃᑲᑐᒦᑦᑐᓂ ᐊᒻᒪᓗ ᑕᕆᐅᖅ ᒪᕋᖓ ᐃᓚᓕᐅᑎᓯᒪᓪᓗᑎᒃ ᓄᓇᖓᓄᑦ ᓴᕿᑦᑐᑦ ᐃᑎᔪᒥᑦ
ᑕᕆᐅᖅ ᐃᒪᖓᓂᑦ ᖃᐅᔨᓇᖅᓯᑎᑦᑎᓯᒪᖕᒥᔪᖅ ᐱᑕᖃᕐᓂᖓᓂ ᐃᒻᒪᑲᓪᓚᒻᒪᕆᐋᓗᒃ
ᑕᕆᐅᕕᓂᖓ.

ᒫᓐᓇᓵᖅ ᖃᐅᔨᓴᖅᑎᒻᒪᕇᑦ ᑖᒃᑯᓇᖓᑦ ᓄᓇᓐᖑᐊᓕᐅᖅᑎᑦ ᑲᓇᑕ ᐊᒪᓗ ᒫᓂᑑᐸ
ᓄᓇᓐᖑᐊᓕᐅᖅᑎᑦ ᓄᐊᑦᑎᓯᒪᔪᑦ ᖃᐅᔨᓴᕈᑎᕕᓂᕐᓂᒃ ᑕᒪᒃᑯᓂᖓ ᑕᕆᐅᕐᒥᑦ ᓇᓗᓇᐃᖅᓯᒪᔪᓂᒃ

ᐊᒻᒪᓗ ᑎᑎᕋᖅᖢᒋᑦ ᖃᓄᖅ ᐳᖅᑐᔪᕕᓂᐅᓂᖏᑦ ᐆᒃᑐᕋᐅᑎᓂᒃ ᐊᑐᖅᖢᑎᒃ ᓄᐊᑦᑎᓚᐅᖅᑐᑦ
ᓄᓇᒦᓪᖢᑎᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐱᔭᒥᖕᓂᑦ ᖃᖓᑦᑕᖅᑎᑕᐅᓯᒪᔪᒃᑯᑦ ᐊᔾᔨᖑᐊᑦ.

ᑕᒪᑐᒥᖓ ᑐᓴᐅᒪᑎᑦᑎᓂᐊᕋᒥᒃ

, ᓴᕿᑦᑎᓯᒪᔪᑦ ᓇᓗᓇᐃᔭᑦᑎᐊᖅᓯᒪᓗᒍ ᓄᓇᓐᖑᐊᖅ
ᓇᓂᒻᒪᖔᑕ ᑕᕆᐅᕕᓂᖅ ᐱᑕᖃᓚᐅᖅᓯᒪᔪᖅ. ᐆᒃᑑᑎᒋᓪᓗᒍ, ᐱᑕᖃᕈᓂ ᐃᑦᑕᕐᓂᑕᒥᒃ ᓯᒡᔭᒥᒃ
ᓇᓂᔭᐅᓗᓂ ᓄᓇᒥ ᖁᕙᓯᒃᑐᒥ 150 ᒦᑕ ᖁᓛᓂᑦ ᒫᓐᓇ ᑕᕆᐅᖅ ᐳᖅᑐᓂᖓᑕ, ᑕᐃᒪᓗ
ᐃᓱᒪᔪᓐᓇᖅᑐᒍᑦ ᑕᒪᓐᓇ ᓄᓇ ᑕᒫᓃᑦᑐᖅ ᐊᑖᓂ ᓯᒡᔭᐃᑦ ᐃᒫᓃᓐᓂᑯᑦ ᑕᐃᑲᓂ ᓯᒡᔭᖃᖅᑎᓪᓗᒍ
ᑖᔅᓱᒥᖓ. ᐊᑐᖅᓯᓪᓗᑎᒃ ᑕᒪᑐᒥᖓ ᑐᑭᓕᐊᒥᖕᓂᒃ, ᑕᐃᒪᓗ ᐊᔪᕐᓇᓐᖏᑦᑐᖅ ᓴᕿᑦᑎᓗᓂ ᖃᓄᖅ
ᑎᑭᐅᑎᓯᒪᓂᖓ ᐃᒻᒪᑲᓪᓚᒻᒪᕆᐋᓗᕐ ᑕᕆᐅ ᑕᕆᐅᖓ ᓄᓇᓕᖕᓂ, ᑕᒫᓂ ᓇᓗᓇᐃᕈᑎᓯᒪᔪᑦ
ᓄ ᓇ ᖑ ᖅ ᓯ ᒪ ᔪ ᑦ. ᑕ ᐃ ᔅ ᓱ ᒪ ᓂ, ᐊ ᑐ ᖅ ᓯ ᓪ ᓗ ᑎ ᒃ ᑎ ᑎ ᑯ ᑖ ᖅ ᓯ ᒪ ᔪ ᓂ ᒃ ᑕ ᒪ ᓐ ᓇ
ᖁᕙᕆᐊᖅᐸᓪᓕᐊᖏᓐᓇᐅᔭᕐᓂᖓ (ᖁᕙᕆᐊᕐᓂᖏᑦᑕ ᓇᓗᓇᕈᓐᓃᖅᑎᑕᖏᑦ ᓴᕿᑎᑕᖏᑦ),
ᖃᓄᑐᐃᓐᓇᖅ ᓄᓇᕈᖅᓯᒪᔪᑦ ᐊᑕᔪᑦ ᑲᑎᖓᓂᖏᓐᓂᒃ ᑲᔪᓯᔪᒥᒃ ᑎᑎᑯᑖᒃᐸᓕᐊᓂᖓᒍᑦ ᖃᓄᖅ
ᐳᖅᑐᓚᐅᖅᓯᒪᓂᖓ ᑎᑭᐅᑎᓯᒪᓪᓗᓂ ᑕᕆᐅᖅ ᐊᓂᒍᖅᑎᓪᓗᒍ ᑭᖑᓪᓕᖅᐹᒥᒃ
ᓯᑯᐃᖅᐸᓪᓕᐊᓂᕆᓕᓚᐅᖅᑕᖓᓂᑦ.

ᑕᒪᒃᑯᐊ ᑐᖑᔪᕐᓂᖏᑦ ᓄᓇᓐᖑᐊᕐᒥ ᓴᐅᒥᐊᓂ ᐃᓱᒪᒋᔭᐅᔪᑦ ᐃᒪᐅᑉ ᐃᖃᖓᓃᓐᓂᑯᑦ

ᖃᖓᑐᖄᓗᒃ ᓯᑯᐃᔭᓚᐅᖅᓯᒪᑎᓐᓇᒍ. ᐳᖅᑐᓯᓯᒪᔪᑦ ᑕᕆᐅᖅ ᓯᒡᔭᖏᑦ ᐊᒻᒪᓗ ᑕᕆᐅᖅ ᐃᖃᖓ
ᓇᓗᓇᐃᒃᑯᑕᐅᒋᓪᓗᑎᒃ. ᑕᐃᒪᓗ ᐅᑭᐅᖓ ᖃᐅᔨᔪᓐᓇᕈᑦᑎᒍᑦ ᑕᒪᒃᑯᐊ ᐆᒪᔪᕕᓃᑦ ᐱᖁᑎᑦ
ᑕᒫᓂ ᓯᒡᔭᖓᓂ (ᓲᕐᓗ ᐃᐱᒃᓴᐅᓐᓇᖅ, ᐊᕐᕖᑦ ᓴᐅᓂᖏᑦ, ᐅᕝᕙᓘᓐᓃᑦ ᕿᔪᕕᓃᑦ), ᓱᒃᑲᓂᖓ
ᑐᐊᕕᕐᓇᖅᓯᕙᓪᓕᐊᔪᖅ ᓄᓇᒥ ᑕᒫᖓᑦ ᐊᐅᒍᓐᓇᓚᐅᓐᖏᑦᑐᒥᑦ ᑕᕆᐅᕐᒥ ᖃᐅᔨᔭᒃᓴᐅᔪᖅ.
ᑕᐃᒪᑦᑕᐅᖅ ᐊᓯᐊ ᖃᐅᔨᔾᔪᑕᐅᔪᓐᓇᖅᑐᖅ ᐅᑭᐅᖓᓂᒃ ᓯᒡᔭᐅᑉ ᐅᓪᓗᖏᑦ ᒪᓕᒃᓗᒋᑦ

ᐊᑯᓂᐅᑎᒋᔪᒥᒃ ᒪᓪᓕᖅᑕᐅᓯᒪᕙᑦ ᐅᔭᖃᑦ ᖄᖏᑦᑎᒍᑦ ᓴᕿᔮᖅᑐᓂᒃ ᓯᓚᒥᑦ ᐊᑭᒻᒪᔭᒃᑐᑦ,
ᐊᓂᕐᓂᖃᕐᓇᓐᖏᑦᑐᒥᑦ ᓯᓚᕐᔪᐊᑦᑎᓄᐊᖅᓯᒪᔪᑦ.

ᓄᓇᓐᖑᐊᖅ ᐃᒪᕐᓂᒃ ᓇᓗᓇᐃᖅᓯᒪᔪᖅ

60°
ᐅᐊᖕᓇᖓ

58°
ᐅᐊᖕᓇᖓ

68°
ᐅᐊᖕᓇᖓ

100°ᐱᓇᖕᓇᖓ 88°ᐱᓇᖕᓇᖓ

ᑕᓯᐅᔭᕐᔪᐊᖅ

ᒫᓂᑑᐸ

ᓄᓇᕗᑦ

100°ᐱᓇᖕᓇᖓ
92°ᐱᓇᖕᓇᖓ

161

158

175

165

150

145

167

170

158

154
148

138

175

132

150

150
146

145

117
142

130

147

133

121

114

107

102

125
135

147

153

210

238 203

190

165

160

176

170

190

84

114

ᐊᕐᕕᐊᑦ

ᑎᑭᕋᕐᔪᐊᖅ

ᖃᒪᓂᑦᑐᐊᖅ

ᑲᖏᕿᓂᖅ

ᐃᒡᓗᓕᒑᕐᔪᒃ

ᐱᔾ ᑕᓯᖅ

ᓵᑦᑎ ᒪᐃᓕ ᑕᓯᖅ

ᒪᒃᑯᐃᑦ ᑕᓯᖅ

ᒋᑉᓴᓐ ᑕᓯᖅ

ᐲᑕ ᑕᓯᖅ
ᐃᖃᓗᒑᕐᔪᒃ ᑕᓯᖅ

ᕗᐊᑦ ᑕᓯᖅ

ᖃᒪᓂᕐᔪᐊᖅ ᑕᓯᑦ

ᐊᖑᑎᒌᒃᑑᖅ ᑕᓯᖅ

ᑲᒥᖕᓇᖅ ᑕᓯᖅ

ᑐᓕᒪᓗ ᑕᓯᖅ

ᔭᑦᑭᑦ ᑕᓯᖅ

ᐃᓯᑯᓚ ᑕᓯᖅ

ᑳ ᑕᓯᖅ
ᐅᕼᐅᖓᓇᕐᓈᖅ
ᑕᓯᖅ

ᕼᐋᓐᓂᖓᔪᕐᔪᐊᖅ
ᑕᓯᖅ

ᓂᒋᐊ ᕼᐋᓐᓂᖓᔪᕐᔪᐊᖅ
ᑕᓯᖅ

ᐅᓚᐃ
ᑕᓯᖅ

ᕼᐃᑦ ᑕᓯᖅ

ᑕᑎᓐᓇᐃ
ᑕᓯᖅ

ᓂᐅᑕᓐ ᑕᓯᖅ ᐃᑎᕼᐅᓐ
ᑕᓯᖅ

ᓂᔾᔭᓂᓕᖅ
ᑕᓯᖅ

ᒪᓐᐅᕉ
ᑕᓯᖅ

ᑕᑑᓪ ᑕᓯᖅ

ᑲᖏᖅᓱᐊᓘᑉ ᐃᓗᐊ

ᓄᓇᕗᑦ

ᒫᓂᑑᐸ

ᐅᒃᑯᓯᒃᓴᓕᒃ

ᓴᓐᓂᖓᔪᖅ

ᐊᑯᓕᑉ
ᑕᕆᐅᖓ

ᐃᓗᐃᓪᓕᖅ

ᐃᑎᒻᓈᕐᔪᒃ

ᑕᑦᓯᑐᐃᑦ

ᑕᒪᓂᖅ

ᑎᕼᐃᒃ ᑕᓯᖅ
ᓘᓇᓐ ᑕᓯᖅ

ᑭᓚᒦᑕᔅ

0 100

ᐳᖅᑐᓯᓯᒪᔪᖅ
(ᒦᑕᔅ ᖁᓛᓂᑦ ᑕᕆᐅᕐᒥᑦ)
631

0

ᐃᓱᐊ ᑕᕆᐅᖅ ᐃᒪᖓᑕ
ᐳᖅᑐᓯᓯᒪᔪᖅ ᓄᓇᓕᖕᓂ ᑕᕆᐅᖅ

ᐃᓱᐊ (ᒦᑕᑎᒍᑦ)

167

ᑕᐃᒪᐃᑎᑦᑎᔪᑦ ᐊᒻᒪᓗ ᐊᒃᑐᐃᓂᖓ

ᓴᕿᔮᖅᑐᖅ ᑕᕆᐅᖅ ᓇᑎᖓ ᐃᖃᖓᓂ ᓱᕋᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐃᓚᖏᓐᓂᑦ ᐊᐅᒍᓐᓇᓐᖏᑦᑐᓂᑦ ᐊᒻᒪᓗ ᓄᓇᐅᑉ
ᓯᑯᐊᓂ ᐱᔾᔪᑎᒋᓪᓗᒍ ᓱᓇᑐᐃᓐᓇᓂᒃ ᓯᖃᓕᔪᓐᓇᕐᒪᑕ. ᐅᑯᐊ ᓴᕿᔮᖅᑐᑦ ᐃᓚᖃᖅᑐᑦ ᓯᑯ ᐃᓂᕕᓂᖏᑦ
ᑐᐊᐸᕈᖅᓯᒪᔪᑦ ᑐᑭᓕᐊᑦᑎᐊᖅᑐᑦ ᖁᐊᖅᑎᑦᑎᕙᒃᑐᑦ ᓯᖁᑦᑎᕐᓂᑯᕕᓂᖏᓐᓂᒃ, ᐊᒻᒪᓗ ᓄᓇᐅᑉ ᖄᖓᓂᒃ
ᐃᒪᖑᖅᓯᒪᔪᑦ, ᐅᑯᐊᓗ ᑕᐃᑲᓂ ᓄᓇᐅᑉ ᐃᑭᐊᖓᓃᑦᑐᑦ ᓯᑯᓚᐅᖅᑐᑦ ᐊᐅᒃᐸᓪᓕᐊᖕᒪᑕ, ᐃᒪᖑᕋᒥᒃ ᑯᕕᓪᓗᑎᒃ

ᐊᒻᒪᓗ ᐊᐅᒃᖢᑎᒃ ᑭᓱᖏᑦ ᕿᖀᓐᓇᕐᓂᑯᕕᓃᑦ. ᑕᐃᑲᓂ ᐃᖃᖓᓂ ᓯᑯ ᖁᓛᓂ ᐊᐅᒃᑲᒥ, ᓄᓇᑐᐃᓐᓇᒥ
ᐃᒪᕈᖅᖢᑎᒃ ᑕᓯᐅᓕᖅᖢᑎᒃ. ᐅᑯᐊ ᓯᑯᖃᕐᓂᑯᕕᓃᑦ ᐊᐅᒍᓐᓇᓐᖏᑦᑐᒥᒃ ᐊᒃᑐᐃᔪᑦ ᐅᕐᕈᔭᓕᕐᑎᑦᑎᔪᑦ
ᑐᐊᐸᖓᓂ ᓄᓇᖓᑕ ᖄᖓᓂ ᑕᐃᑲᓕ ᐅᖂᓯᕙᓪᓕᐊᖏᓐᓇᖅᑎᓪᓗᒍ.

ᖃᐅᔨᒪᓪᓗᒋᑦ ᑭᓱᖃᕐᒪᖔᑕ ᐃᔾᔪᖏᑦ ᐱᒻᒪᕆᐅᔪᖅᑕᐅᖅ ᐃᒡᓗᓕᐅᕈᑎᒋᓂᐊᕐᓗᒍ, ᐊᖁᑎᓯᐅᕐᕕᒋᓂᐊᕐᓗᒍ,
ᐆᒻᒪᖁᑎᖃᐅᑎᓄᑦ ᐅᐊᔭᖏᓐᓄᑦ, ᐅᕝᕙᓘᓐᓃᑦ ᓇᓕᐊᑐᐃᓐᓇᖅ ᓇᑉᐸᖅᑕᐅᓇᓱᒃᑐᓄᑦ ᖄᖓᓄᑦ ᓄᓇᐅᑉ. ᐊᒻᒪᓗ ᓯᑯᖃᖅᑐᕕᓂᐅᖕᒪᑕ ᐊᖏᔪᓂᒃ ᐊᐅᒍᓐᓇᓐᖏᑦᑐᓂᒃ, ᑕᒪᕐᒥᒃ ᑭᓱᐊᕐᓂᖏᑦ ᖄᖓᓂ ᓄᓇᐅᑉ ᐊᒻᒪᓗ ᑕᑯᒃᓴᐅᔪᑦ ᐋᕿᒃᓯᒪᔪᑦ ᐊᒻᒪᓗ ᐊᖏᓂᖏᑦ ᐃᖃᖓᓂ ᓵᒡᓕᓯᒪᔪᑦ ᐊᒃᑐᐃᒍᓐᓇᖅᑐᑦ ᓄᓇᖓᐊᐅᓚᔾᔭᒍᓐᓇᖅᖢᓂ ᑕᐃᒪᓗ ᓴᓇᕕᐅᒍᓂ ᐅᕝᕙᓘᓐᓃᑦ ᑐᓐᖓᕕᓕᕐᕕᐅᓇᓱᒃᑯᓂ.

ᓯᕐᒦᑦ ᓄᓇᒥᒃ ᓴᓕᒍᕐᓂᖓ ᐅᓇᑦᑕᐅᖅ ᐅᓪᓗᒥᐅᓕᖅᑐᖅ ᐃᓱᒫᓘᑎ. ᑕᐃᒪᓐᓇᐅᒐᓗᐊᖅᑎᓪᓗᒍ ᐅᓪᓗᒥ, ᓯᓚᕐᔪᐊᖓ ᑕᕆᐅᓕᕐᒥ ᐃᒪᖁᖅᑐᓯᕙᓪᓕᐊᔪᖅ ᐱᔾᔪᑎᒋᓪᓗᒍ ᓯᓚᐅᑉ ᐅᖂᓯᕙᓪᓕᐊᓂᖓ, ᑭᕕᒃᑕᐅᒐᒥ ᓄᓇᒥ ᑕᐃᒪᓗ ᓯᕐᒦᑦ ᓄᓇᒥᒃ ᓴᓕᒍᖅᐳᑦ ᐃᒪᖁᖅᑐᓯᒃᑲᓐᓂᖅᖢᓂ ᑕᕆᐅᖅ ᑕᒫᓂ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᖅᐸᓯᐊ. ᑕᐃᒪᓐᓇᐅᓂᖓᓄᑦ ᑕᒪᓐᓇ ᑕᕆᐅᖅ ᐳᖅᑐᓂᖓ ᑲᑕᒐᖅᑎᑦᑎᖃᑦᑕᖅᑐᖅ ᐊᒻᒪᓗ ᓯᒡᔭᖅᐸᓯᖓ ᐃᒃᑲᑐᑯᓘᓕᖅᖢᓂ. ᐅᓇ ᐱᒻᒪᕆᐅᔪᖅ ᑕᐃᒪᐃᓕᖅᑎᑕᐅᓂᖓᑕᐃᒪᓗ ᓄᓇᓖᑦ ᓯᒡᔭᒥᐅᑕᐅᔪᖅ ᐃᓱᒪᒋᐊᖃᖅᑐᖅ ᓴᓇᓗᑎᒃ ᓯᒡᔭᒥ ᓇᑉᐸᕆᐊᖃᖅᑐᓂᒃ ᐅᕝᕙᓘᓐᓃᑦ ᓯᒡᔭᖓᒍᑦ ᐅᒥᐊᖅᑐᕐᓂᖅ.

ᖃᐅᔨᒪᓪᓗᒋᑦ ᖄᖓᓃᑦᑐᑦ ᓄᓇᐅᑉ ᐊᒻᒪᓗ ᓄᒃᑕᕐᓂᖏᑦᑕ ᐊᖁᑎᖏᑦ ᓅᑉᐸᓪᓕᐊᔪᓂᑦ ᓯᕐᒥᓂᑦ ᐱᒻᒪᕆᐅᔪᑦ ᐅᔭᕋᒃᓯᐅᕐᓂᐊᖅᑐᓄᑦ ᑲᒻᐸᓂᐅᔪᓄᑦ. ᑕᐃᒪᓗ ᖃᐅᔨᓴᖅᑐᖃᖅᑐᖅ ᒫᓐᓇ ᐋᕿᒃᐸᓪᓕᐊᓯᒪᓂᖏᑦ ᓇᒧᖓᐅᕙᓪᓕᐊᓂᖏᖅ ᓯᕐᒦᑦ ᓄᒃᑕᕐᓂᖏᑦ ᑕᐃᒪᓗ ᒪᓕᑦᑎᐊᕐᓂᐊᕐᒪᑕ ᓇᕿᖔᖅᓯᒪᖕᒪᖔᑕ ᑕᒪᒃᑯᐊ ᐅᔭᕋᖕᓂᐊᒐᒃᓴᐃᑦ ᓴᕿᑕᐅᔪᑦ ᓯᕐᒥᓂᑦ. ᖃᐅᔨᒪᓪᓗᒍ ᐳᖅᑐᓛᖓ ᑕᕆᐅᕐᒥᑦ ᐃᕗᔭᐅᓂᑯᑦ ᐃᑲᔫᑎᔪᓐᓇᖅᑐᑦ ᖃᐅᔨᓇᓱᒃᓗᑎᒃ ᓇᒧᖔᕙᓪᓕᐊᓐᓂᕐᒪᖔᑕ ᕿᒪᒃᑕᐅᔪᑦ ᓯᕐᒥᓂᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᓂᒃ ᐋᕿᒃᑕᐅᕙᓪᓕᐊᓂᖓᓂ ᑕᕆᐅᖅ ᐃᒪᖓᐅᕝᕙᓘᓐᓃᑦ ᓴᕿᔮᓐᖏᑦᑐᓂᑦ ᕿᕿᓂᑯᑐᖃᐃᑦ ᑕᕆᐅᒦᑦᑐᑦ.

ᐳᖅᑐᓯᒋᐊᖅᓯᒪᔪᖅ ᑕᕆᐅᖅ ᓯᒡᔭᖏᑦ

ᑕᕆᐅᖅ ᐃᒪᖓᑕ ᑎᑭᐅᒪᓂᖓ

ᐃᑦᑕᕐᓂᑕᐃᑦ ᑕᕆᐅᖅ ᐃᖃᖓᓂᑦ

# ᑰᒐᓛᑦ ᑕᕆᐅᕐᒥᑦ

! ᖃᐅᔨᓴᕐᕕᒃ ᑕᕆᐅᖅ ᐃᓱᐊᓂᒃ
ᕿᒥᕐᕈᐊᖅᑕᐅᓯᒪᔪᑦ

ᑭᓚᒦᑕᔅ 0 100

ᐊᔾᔨᓕᐊᖓ: ᕕᐅᓇ ᕼᒻᐳ

1 ᑭᓚᒦᑕᔅ

96°15’ᐱᓇᖕᓇᖓ

64°26’ᐅᐊᖕᓇᖓ

ᑕᕆᐅᖅ
ᑭᒡᓕᐊ ᐃᓱᐊ

Landsat 8 ᑕᒪᐅᓐᓇ ArcticDEM

1 ᑭᓚᒦᑕᔅ

ᑕᕆᐅᑉ ᑭᒡᓕᐊ

ArcticDEM hillshade (2 ᒦᑕ)

ᐃᓱᐊ

ᓄᑖᖅ ᖃᐅᔨᓴᕈᑕᐅᔪᖅ ᓇᓗᓇᐃᑦᑎᐊᖅᓯᓯᒪᕗᖅ

ᐊᐅᓪᓗᑎᓚᐅᖅᑕᒥᖕᓂ ᐊᑐᖅᖢᑎᒃ ᖃᐅᔨᓴᕈᑎᕕᓂᕐᓂᓪᓗ
ᐊᒥᓱᓂᑦ ᐱᓪᓗᑎᒃ ᐃᓱᒪᑖᕐᓂᐊᕋᒥᒃ ᓇᓕᐊᒃ ᓄᓇ
ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊ ᐃᕗᔭᐅᓂᑰᖕᒪᖔᑕ ᑕᕆᐅᖅ
ᐃ ᒪ ᖓ ᓂ ᑕ ᐃ ᒪ ᖓ ᓂ ᑦ ᑭ ᖑ ᓪ ᓕ ᖅ ᐹ ᖓ ᓂ
ᐊ ᐅ ᕙ ᓪ ᓕ ᐊ ᓯ ᒋ ᐊ ᓚ ᐅ ᕐ ᓂ ᖓ ᓂ ᑦ. ᐅ ᓇ
ᑐᑭᓯᓇᖅᓯᔾᔪᑎᒋᓚᐅᖅᑕᖏᑦ ᖃᐅᔨᑦᑎᐊᕐᓂᐊᕋᑦᑕ
ᒫ ᓐᓇᓵ ᖑ ᔪ ᖅ ᖃ ᓄᐃ ᑦᑐᕕᓂᐅᓂᖏᓐᓂᒃ ᓄᓇᖓ

ᑕᐃᒪᖓᓂᑦ ᐊᐳᑖ-ᐊᖏᔪᑦ ᓯᕐᒦᑦ ᐊᓯᐅᑎᓪᓗᒋᑦ, ᐊᒻᒪᓗ
ᖃ ᐅ ᔨ ᒪ ᓕ ᕐ ᓗ ᑕ ᐃ ᑲ ᔫ ᑎ ᓂ ᐊ ᕐ ᒪ ᑕ
ᐃᓗᐊᖏᔾᔪᑕᐅᒐᔭᖅᑐᓂᒃ ᓯᕗᓂᒃᓴᑦᑎᓐᓂ.

ᑕᕆᐅᖅ ᑭᒡᓕᐊ ᐃᓱᐊ
ᖃᖓᑦᑕᖅᑎᑕᐅᓯᒪᔪᒃᑯᑦ ᐊᔾᔨᓕᐊᑦ

ᑭᒡᓕᓕᖅᓯᒪᔪᖅ 118 ᒦᑕ ᖁᕙᕆᐊᖅᓯᒪᓂᖓ ᐱᓇᖕᓇᖓᓂ
ᖃᒪᓂᑦᑐᐊᖅ. ᐊᔾᔪᔪᖅ ᓯᕐᒦᑦ ᐃᖃᖓᓂ ᓇᓂᔭᐅᓯᒪᔪᑦ ᖁᓛᓂ
ᑕᕆᐅᖅ ᑭᒡᓕᐊᑕ ᐃᓱᐊᑕ; ᐋᕿᒃᓱᐃᒃᑲᓐᓂᖅᓯᒪᔪᖅ ᐃᖃᖓᓂᒃ
ᐊᒻᒪᓗ ᐅᔭᕋᓱᒃᔪᖕᓂᒃ ᓇᒧᑐᐃᓈᖓᓕᖅᓯᒪᔪᑦ ᐊᑖᓂ ᑭᒡᓕᐊᑕ
ᑕᕆᐅᖅ ᐃᓱᐊᑕ ᐅᓄᖅᑐᒻᒪᕆᐋᓘᓪᓗᑎᒃ.

ᑕᕆᐅᑉ ᑭᒡᓕᐊ. ᒪᓪᓕᕐᕕᐅᓕᓃᑦ ᓄᖑᓐᓂᓖᑦ ᐅᔭᕋᓱᒃᔪᐃᑦ ᓯᕐᒦᑦ
ᐃᖃᖓᓂ 126 ᒦᑕ ᖁᕙᖅᓯᒪᔪᑦ ᐅᐊᖕᓇᖓᓂ ᐱᑦᔾ ᑕᓯᖅ. ᐊᒥᓱᑦ
ᖁᕙᕆᐊᖅᓯᒪᔪᑦ ᑕᕆᐅᑉ ᓯᒡᔭᖏᑦᑕ ᑭᒡᓕᖏᓐᓂ ᑕᑯᒃᓴᐅᔪᑦ ᐊᑖᓂ
ᑕᕆᐅᖅ ᑭᒡᓕᐊ ᐃᓱᐊ.

ᓄᓇᓐᖑᐊᖅ ᑕᕆᐅᖅ ᐃᓱᐊᓂᒃ ᑭᒡᓕᐊᓂᒃ

ᓯᑯ ᐃᓂᕕᓂᖏᑦ ᑐᐊᐸᕈᖅᓯᒪᔪᑦ ᑕᕆᐅᖅ ᓯᐅᕋᖏᑦ ᓄᓇ ᐃᒪᕈᖅᓯᒪᔪᖅ ᑕᓯᖑᖅᓯᒪᔪᑦ ᑕᕆᐅᕐᒥᑦ ᒪᕋᖅ

ᒫᓐᓇᓕᓴᖅ ᐃᑦᑕᕐᓂᑕᖅ

ᐊᔾᔨᓕᐅᕆᔨ: ᔨᒻ ᓴᒻᐱᐊᓐ ᒪᓪᓕᕐᕕᐅᓕᓃᑦ ᓄᖑᓐᓂᓖᑦ ᐅᔭᕋᓱᒃᔪᐃᑦ

ᒪᓪᓕᕐᕕᐅᓕᓃᑦ ᓄᖑᓐᓂᓖᑦ ᐅᔭᕋᓱᒃᔪᐃᑦ

ᑕᕆᐅᑉ ᑭᒡᓕᐊ

ᐅᔭᕋᒐᓛᒃᑐᖅ ᓯᒡᔭᖓ ᑕᒫᓂ ᐊᐳᑏᓐ ᑕᓯᐊᓂ ᐊᒥᓱᑦ ᖁᕙᕆᐊᖅᓯᒪᔪᑦ ᓯᒡᔭᐃᑦ

ᒪᓪᓕᕐᕕᐅᓃᑦ ᑕᒫᓂ ᐅᒃᑯᓯᒃᓴᓕᒃ

ᒪᓪᓕᕐᕕᐅᓂᕕᓂᖓ

ᒪᓪᓕᕐᕕᐅᓂᕕᓃᑦ ᓯᐅᕋᑦ ᐊᒻᒪᓗ ᓇᒥᑐᐃᓐᓈᖅᑐᑦ ᐅᔭᕋᓱᒃᔪᐃᑦ

ᐊᔾᔨᓕᐅᕆᔨ: NOAA.gov ᓇᑎᖓᓂ ᐃᖃᖓᓂ ᑕᕆᐅᖅ ᒪᕋᖅ ᑰᓕᓂᐅᑉ ᑕᕆᐅᕐᒥ ᒪᕋᖓ

ᑰᒐᓛᖕᓂᑦ ᓯᐅᕋᑦ ᓴᕿᑦᑐᑦ ᑕᕆᐅᖅ ᑰᒐᓛᖏᓐᓂᑦ ᓯᐅᕋᑦ

ᓄᓇᐅᑉ

ᑰᒐᓛᖏᑦ

Photo: http://t2.gstatic.com/ ᐊᔾᔨᓕᖑᐊᖓ: http://t2.gstatic.com/ ᑕᓪᓗᕈᓐᓇᖅ

ᐃᐱᒃᓴᐅᓐᓇᑦ

ᐊᔾᔨᓕᐅᕆᔨ: ᔮᓂᑦ ᑲᒻᐳ ᑕᕆᐅᕐᒥ ᐃᐱᒃᓴᐅᓐᓇᑦ

ᒪᓪᓕᕐᕕᐅᓕᓃᑦ ᓄᖑᓂᓖᑦ ᓯᕐᒦᑦ ᐊᑖᓂ

ᑕᕆᐅᑉ ᑭᒡᓕᐊ

ᖃᐅᔨᒋᐊᒃᑲᓐᓂᕈᒪᕖᑦ?

ᑕᐃᒪᓗ ᖃᐅᔨᒋᐊᕈᓐᓇᖅᑐᑎᑦ

ᓯᕗᓪᓕᖅᐹᖓ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᑕ
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ᓯᑯᐃᔭᖅᐸᓪᓕᐊᓂᖓ ᑕᕆᐅᖅ ᑎᑭᐅᑎᓯᒪᓂᖓ ᐃᓱᐊ ᑕᒫᓂ ᑕᓯᐅᔭᕐᔪᐊᖅ ᐊᑭᓐᓇᖅᐸᓯᐊ, ᕿᑎᐊ
ᓄᓇᑐᐃᓐᓇᖅ ᓄᓇᕗᑦ ᐊᒻᒪᓗ ᐅᐊᖕᓇᖓ ᒫᓂᑑᐸ; ᓄᓇᓐᖑᐊᓕᐅᖅᑎᑦ ᑲᓇᑕ, ᐃᓄᓕᒫᓄᑦ
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1 1 ᐃ.ᕕ. ᐸᐃᔾ ᐊᒻᒪᓗ ᐃ. ᒥᒃᒫᑕᓐ

ᒪᓪᓕᕐᕕᐅᓕᓃᑦ ᓄᖑᓐᓂᓖᑦ ᐅᔭᕋᓱᒃᔪᐃᑦ ᑕᒫᓂ ᐅᓘᔅ
ᑐᓐᖓᓱᒃᑎᑦᑎᕕᖓ ᐃᒪᖓᓂ

ᑐᑭᓯᒃᑲᓐᓂᕈᓐᓇᖅᑐᑎᑦ, ᐊᑏ ᐅᖃᕐᕕᒋᓗᒍ ᐃ.ᕕ. ᐸᐃᔾ (amaris.page@nrcan-rncan.gc.ca).

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ᑖᒃᑯᓇᖓᑦ ᑕᐃᒃ ᐊᓯᖏᓪᓗ, 2003

ᔪᓇᐃᑎᑦ ᓯᑕᐃᑦᔅ

ᑯᐊᑎᓗᓚᓐ

ᓯᑯᐊ ᖄᖓ

ᓘᓂᓐᑕᐃᑦ
ᓯᑯᐊ ᖄᖓ

ᐃᓄᐃᑦᑎᐊᓐ
ᑕᕆᐅᖓᑕ
ᓯᑯᐊ ᖄᖓ

ᐊᑯᑭᑦᑐᖅ

ᓯᑯᐊ ᖄᖓ

ᑎᓯᒃᑎᓯᒪᔪᖅ ᓄᓇ ᑕᐃᑲᓂ ᓯᑯᐊ
ᐃᔾᔪᓂᖓᓄᑦ
ᓴᕿᔮᖅᑐᑦ ᐋᕿᒋᐊᖅᓯᒪᔭᖏᑦ ᑖᒻ ᔭᐃᒻᔅ, ᓄᓇᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᑲᓇᑕ

a. ᐳᖅᑐᓛᖅ ᓯᕐᒥ

ᓯᑯᑦ

ᐅᑎᕐᔭᒃᑐᖅ ᓄᓇᖓ ᑕᐃᑲᓂ ᐊᐅᖕᒪᑦ ᓯᑯᐊ
ᓴᕿᔮᖅᑐᑦ ᐋᕿᒋᐊᖅᓯᒪᔭᖏᑦ ᑖᒻ ᔭᐃᒻᔅ, ᓄᓇᒥᐅᑕᓕᕆᔨᒃᑯᑦ ᑲᓇᑕ

ᐊᐅᒍᓐᓇᓚᐅᓐᖏᑦᑐᖅ
ᑕᕆᐅᖅ

b. ᑕᐃᑲᓂ ᓯᑯᐃᔭᖅᐸᓪᓕᐊᑎᓪᓗᒍ

ᐅᐊᖕᓇᖓ

ᐅᐊᖕᓇᖓ

ᐅᐊᖕᓇᖓ