ᓇᒃᓯᐅᔭᔭᐅᔪᑦ

ᓄᓇᕗᒻᒥᑦ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ

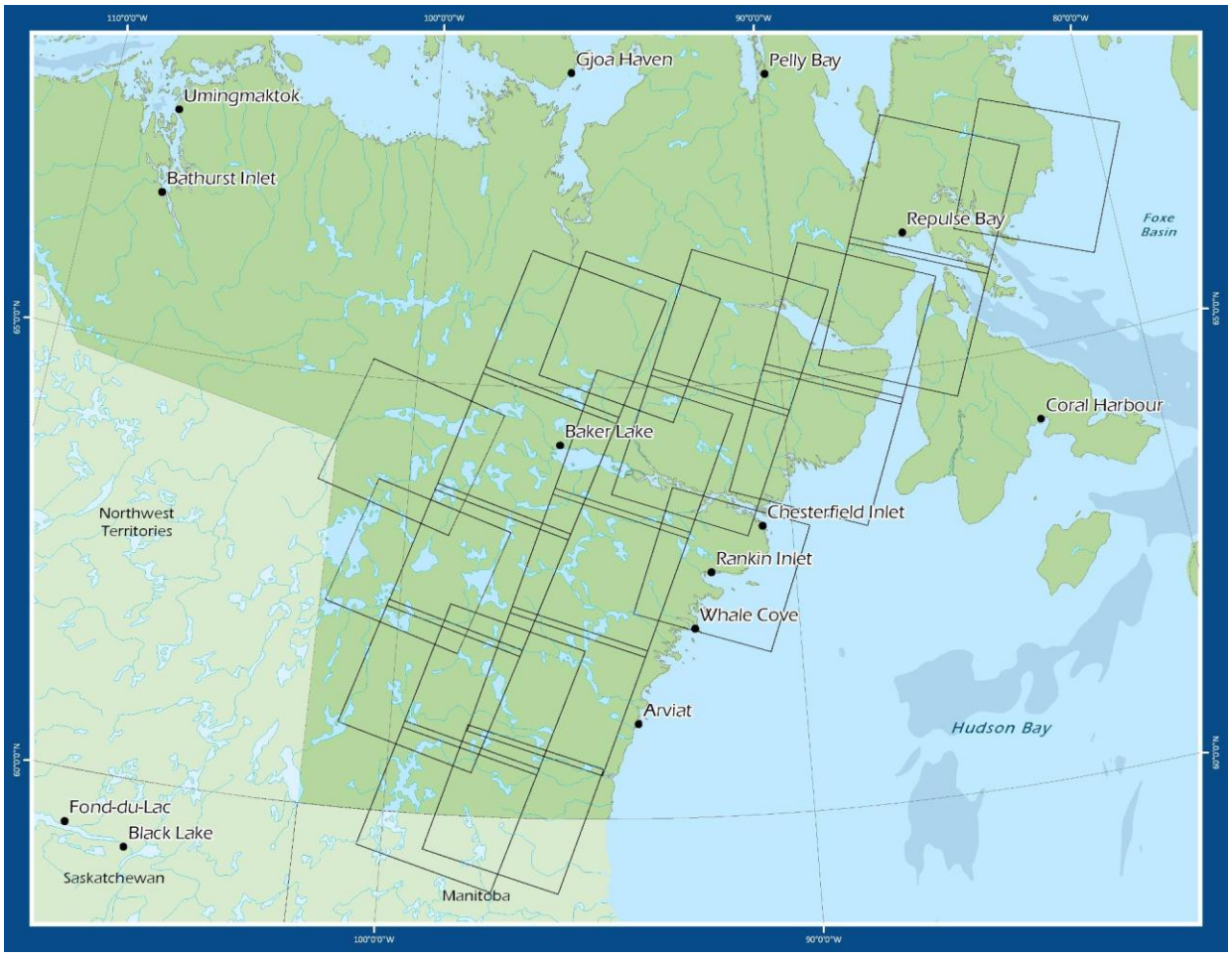
ᐃᒪᐃᓕᕐᑯᔭᐅᓪᓗᑎᒃ

ᑐᓴᐅᒪᔭᒃᓴᖅ: X ᖃᓄᐃᓕᔭᐅᔭᐅᕆᐊᓕᒃ:

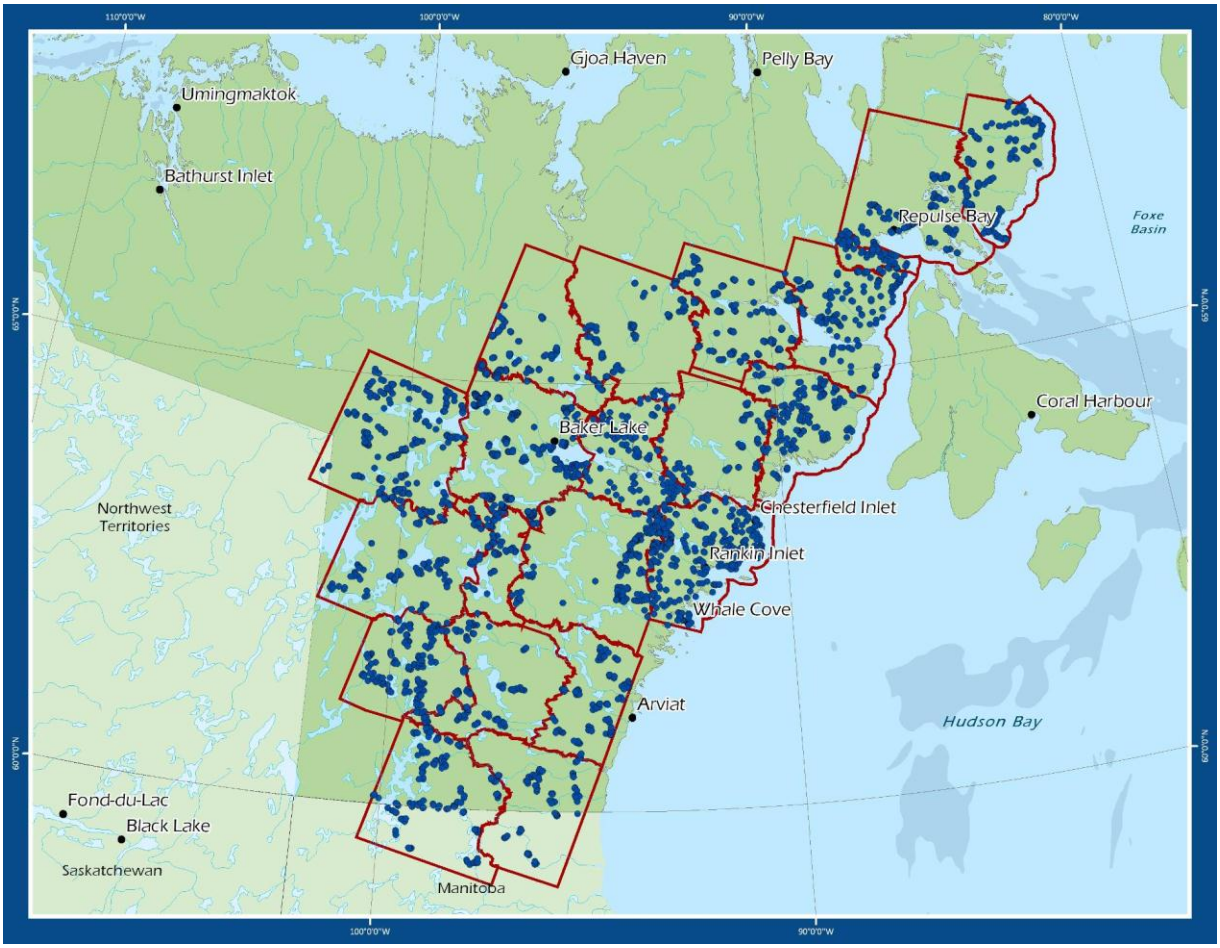
ᐱᔾᔪᑎᓕᒃ: ᑭᕙᓪᓕᕐᒥᑦ ᐆᒪᔪᑦ ᓄᓇᖏᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᕙᓪᓕᐊᓂᖏᑦᑕ ᓄᓇᖑᐊᖏᑦ

ᐅᓂᒃᑲᐅᓯᐊᕐᔪᒃ:

ᑭᕙᓪᓕᕐᐅᑉ ᓄᓇᖓ ᓄᓇᖑᐊᓕᐊᖑᕙᓪᓕᐊᓂᖓ ᐆᒃᑑᑕᐅᓪᓗᓂ ᖃᐅᔨᓴᖅᑕᐅᖕᓂᖓ ᐱᒋᐊᓚᐅᕐᓯᒪᕗᖅ ᔪᓚᐃ/ᐋᖓᓴᑦ 2000. ᑲᔪᓯᑦᑎᐊᓚᐅᕐᓂᖓᓄᑦ ᑭᕙᓪᓕᓕᒫ ᐱᓕᕆᐊᖑᓕᓚᐅᕐᐳᖅ. ᐋᖓᓴᑦ 2000-ᒥᑦ, ᐃᒻᒪᕐᑳ 200 ᐱᕈᖅᑐᓖᑦ ᓄᓇᓖᑦ ᐹᓐᓴ ᑕᓯᐊᑕ ᖃᐅᔨᓴᕐᕕᐊ ᐅᐸᒃᑕᐅᓚᐅᕐᐳᑦ ᐊᒻᒪᓗ ᖃᓄᕆᑦᑑᖕᒪᖔᑕ ᐱᕈᖅᑐᑦ ᐊᒻᒪᓗ ᐳᓴᓐᑎᖏ ᑎᑎᕋᖅᑕᐅᓚᐅᕐᓗᑎᒃ. ᐋᖓᓴᑦ 2001-ᒥᑦ 160 ᓄᓇᐃᑦ ᐅᐸᒃᑕᐅᓚᐅᕐᐳᑦ ᐊᒻᒪᓗ ᐱᕈᖅᓯᐊᓪᓗ ᐊᒻᒪᓗ ᐳᓴᓐᑎᖏᑦ ᑎᑎᕋᖅᑕᐅᓪᓗᑎᒃ ᑎᕼᐊᒃ ᑕᓯᐅᑉ ᐊᕙᓗᐊᓂ. ᐋᖓᓴᑦ 2002-ᒥᑦ 240 ᐅᐸᒃᑕᐅᓚᐅᕐᐳᑦ ᐱᕈᖅᑐᓖᑦ ᓄᓇᓕᖏᑦ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᐳᑦ ᑎᒡᔭᓕᐅᑉ ᑕᓯᐊᑕ ᐊᕙᓗᐊᓂᑦ ᐊᒻᒪᓗ 65 ᒪᓗᒃᓯᑦᑕᓂᑦ, ᐊᒻᒪᒃᑲᓐᓂᖅ ᐋᖓᓴᑦ 2003 240 ᒪᓗᒃᓯᒃᑕᓂ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᐳᑦ, 2004-ᒥ 600 ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᐳᑦ ᖃᒪᓂᑦᑐᐊᒥᑦ, ᑲᖏᖅᑖᓂᕐᒥᑦ ᐊᒻᒪᓗ ᓵᓅᐹᓐᑲ ᑰᖓᑕ ᐊᕙᓗᐊᓂᑦ, 2005-ᖑᑎᓪᓗᒍ 450 ᐱᕈᖅᑐᓖᑦ ᓄᓇᓖᑦ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕆᕗᑦ ᐳᕆᓐᓴᓐ ᒥᐊᕆ ᑕᓯᕐᒥᑦ ᐊᒻᒪᓗ ᐸᕋᐅᓐ ᑕᓯᐊᓂᑕ ᐊᕙᓗᐊᓂᑦ. 2006-ᒥᑦ ᐱᕈᖅᐸᓪᓕᐊᓇᒥᑦ ᐊᖏᕐᐹᖑᓚᐅᕐᐳᖅ ᖃᐅᔨᓴᐃᓪᓗᑕ 550-ᓂᑦ ᐄᐃᓂᒃᒥ, ᐃᑎᐄᐊᓐᒥᑦ, ᓄᓕᑎᓐᒥ, ᒪᖑᓵᒥᑦ ᐊᒻᒪᓗ ᐄᐃᒃᓵ ᑕᓯᐊᑕ ᐊᕙᓗᐊᓂ ᓂᒋᐊᓂ ᒫᓂᑑᐸᐅᑉ ᑭᒡᓕᐊᓂ. ᑭᖑᓪᓕᖅᐹ, ᐊᖓᓴᑦ 2007-ᒥᑦ, 483 ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᐳᑦ ᑐᓕᒪᓗ ᑕᓯᕐᒥᑦ ᐊᒻᒪᓗ ᓘᕆᓛᑦ ᑰᖓᑕ ᐊᕙᓗᐊᓂᑦ (ᓴᓇᐅᒐᖅ 1 ᐊᒻᒪ 2). ᑖᒃᑯᐊ ᐃᓂᐅᔪᑦ 90 ᐳᓴᓐᑎᓪᓗᐊᑕᕗᖅ ᑭᕙᓪᓕᓕᒫᒥᑦ.



ᓴᓇᓯᒪᔪᖅ 1 ᓄᓇᐃ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᔪᑦ ᐊᒻᒪᓗ ᑎᑎᕐᑕᐅᓯᒪᓪᓗᑎᒃ ᑭᕙᓪᓕᐅᑉ ᐱᕈᖅᐸᒃᑐᑦ ᑎᑎᕐᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᐊᓄᑦ.



ᓴᓇᔨᒪᔪ 2 ᑎᑎᖅᑐᖅᑕᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑕᑦ ᑭᕙᓪᓕᕐᒥᑦ ᐱᕈᖅᐸᒃᑐᑦ ᑎᑎᕐᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᐊᓄᑦ. .

ᒫᓐᓇ ᖃᓄᐃᓕᖓᓕᕐᓂᖓ

ᑐᕋᖅᑕᐅᓇᓱᒃᑐᑦ ᐊᒻᒪᓗ ᐱᓇᓱᐊᖅᑕ ᑕᒪᑐᒧᖓ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᓴᓇᔪᒪᓪᓗᑎᒃ ᑐᖅᑯᐃᕕᖕᒥᑦ ᐃᓗᓕᓕᖕᓂᑦ ᐱᕈᖅᑐᐃᑦ ᖃᓄᐃᑦᑐᑐᐃᓐᓇᕐᓂᑦ ᑐᙵᕕᒋᓪᓗᓂᐅᒃ ᑭᓯᐊᓂᑦᑕᐅᖅ ᐃᓚᖃᕐᓗᓂ; ᐆᒪᔪᐃᑦ ᓇᒦᓐᓂᖕᒋᓐᓂᑦ, ᐃᒪᓕᕆᓃᑦ, ᓯᓚᓕᕆᓃᑦ, ᓄᓇᓕᕆᓃᑦ, ᐊᒻᒪᓗ ᓄᓇᐃᑦ ᖄᓕᕆᔭᓂᐅᓂᖕᒋᑦ, ᐊᖑᓇᓱᒃᑎᑦ ᐅᔨᓴᕆᓯᒪᔭᖕᒋᓐᓂᑦ. ᐊᑐᕐᓂᒃᑯᑦ *GIS*-ᑯᑦ ᐱᓕᕆᔾᔪᑎᒃᑯ ᑐᖅᑯᐃᓂᕐᓂᑦ ᐊᑐᕐᑕᐅᓂᐊᕐᐳᖅ ᓇᓗᓇᐃᕈᑕᐅᕙᒃᓗᓂ ᐆᒪᔪᓐᓇᕐᑐᓕᒫᓂᑦ ᐊᒻᒪᓗ ᐊᓂᕐᓂᖃᖕᒋᑦᑐᓪᓗ ᑭᓯᑐᐃᓐᓇᐃᑦ ᓇᒦᓐᓂᖕᒋᓐᓂᑦ ᐊᒻᒪᓗ/ᐅᕝᕙᓘᓐᓃᑦ ᑭᕙᓪᓕᐅᑉ ᐃᓗᐊᓂ ᐊᒻᒪᓗ ᓇᓗᓇᐃᕐᓯᓂᖅ ᐃᓗᓕᖕᒋᓐᓂᑦ ᑕᒪᒃᑯᐊ ᐱᒻᒪᕆᐅᔪᑦ ᐊᔾᔨᒌᖕᒋᑦᑐᓄᑦ ᐆᒪᔪᓄᑦ.

ᐱᓕᕆᐊᖑᔪᖅ ᑲᔪᓯᑦᑎᐊᓚᐅᕐᐳᖅ ᐊᒻᒪᓗ ᐋᖅᑭᒃᑕᐅᓪᓗᓂ ᖃᕆᑕᐅᔭᒧᑦ ᐊᒻᒪᓗ ᐊᓕᓚᔪᓄᑦ ᓄᓇᖑᐊᓄᑦ. ᐱᔾᔪᑎᒋᔭᐅᔪᖅ ᑖᓐᓇ ᓄᓇᖑᐊᖅ ᐊᑐᕐᑕᐅᔪᓐᓇᕐᑯᓪᓗᒋᑦ ᐊᕕᒃᑐᕐᓯᒪᔪᓄᑦ ᐆᒪᔪᓕᕆᔨᒃᑯᓐᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᖅᑎᓄᑦ ᖃᐅᔨᓇᓱᒍᑕᐅᓗᓂ ᑐᒃᓯᕋᖅᑕᓂ ᓄᓇᓂ ᖃᓄᐃᓕᐅᕐᕕᐅᔪᒪᔪᓂ ᓇᓗᓇᖃᑦᑕᕋᔭᖕᒋᓪᓗᓂ, ᐊᒻᒪᓗ ᑕᐃᒪᐃᓐᓂᖓᓄ ᐊᔪᖅᑎᑦᑎᓗᑎᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐱᓗᐊᖕᒋᑎᑦᑎᓗᑎᒃ, ᐊᒃᑐᐃᑦᑎᐊᕐᓂᖃᕋᔭᖕᒋᑉᐸᑦ ᐆᒪᔪᓄᑦ ᐊᒻᒪᓗ ᓂᕐᔪᑏ ᐱᒻᒪᕆᐅᔪᑦ ᐆᒪᔪᓄᑦ, ᐊᑐᓚᐅᖕᒋᓐᓂᖕᒋᓐᓂᑦ. ᐊᒻᒪᓗᑦᑕᐅᖅ, ᑖᒃᑯᐊ ᐊᕝᕗᖅᑕᐅᔪᑦ ᓇᑭᕈᓘᔭᖅ ᐊᕕᒃᑐᕐᓯᒪᔪᓂ ᓇᒥᕈᓘᔭᖅ ᐅᐸᒃᑕᐅᒃᑲᓐᓂᕈᓐᓇᓗᑎᒃ ᓯᕗᓂᑦᑎᓐᓂᑦ ᑎᑎᕋᖅᑕᐅᕐᑯᓪᓗᒋᑦ ᐊᒃᑐᐃᓂᖃᕐᓂᖓ ᓯᓚᐅᑉ ᐊᓯᔾᔨᕐᐸᓪᓕᐊᓂᖓᓄᑦ ᐊᒻᒪᓗ ᖃᓄᖅ ᑖᒃᑯᐊ ᐊᒃᑐᐃᓂᖃᕐᑐᑦ ᖃᓄᐃᔾᔪᑕᐅᓇᔭᕆᐊᒃᓴᖕᒋᓐᓂᑦ ᓄᓇᕗᒻᒥᐅᑦ ᐆᒪᔪᕐᑯᑎᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᐊᒥᓲᓂᖕᒋᓐᓄᑦ.

ᐃᓱᓕᔾᔪᑎᐊ

ᑕᒪᓐᓇ ᐱᓕᕆᐊᖑᓂᖓ ᐊᒥᓱᓂ ᐱᑐᐃᓐᓇᐅᙱᑦᑐᓂᑦ ᐊᓂᒍᐃᔭᕆᐊᕐᑲᓚᐅᕐᐳᑦ ᐅᕗᖓ ᐱᐊᓂᒐᓱᒃᓗᒍ. ᖁᔭᓕᒻᒪᕆᒃᐸᕗᑦ ᐃᑲᔪᖅᑐᓕᒫᑦ ᐱᓕᕆᕝᕕᐅᔪᑦ ᕿᓄᐃᓵᕐᓂᖕᒋᓐᓂᑦ. ᐅᐱᒍᓱᒃᐳᒍᑦ ᑖᒃᑯᐊ ᐱᐊᓂᒃᑕᐅᓂᖕᒋᑦ ᐱᓇᔪᖕᓂᕆᓚᐅᕐᑕᑦᑎᓐᓄᑦ ᐊᒻᒪᓗ ᐊᑭᖕᒋᖕᒋᓐᓄᑦ ᐊᑑᑎᖃᒻᒪᕆᓚᐅᕐᓂᖓᓂ ᐊᒻᒪᓗ ᐱᓕᕆᖃᑎᕗᑦ ᐊᐅᓚᑦᑎᖃᑎᒋᔭᕗᑦ ᐊᖕᒋᖃᑕᐅᕗᑦ. ᓄᓇᖑᐊᑦ ᐊᑐᐃᓐᓇᐅᓛᓕᕐᑐᑦ ᐊᐅᓚᑦᑎᖃᑎᒋᔭᑦᑎᓐᓂᑦ ᐊᒻᒪᓗ ᑮᓇᐅᔭᖃᑦᑎᖃᑎᐅᔪᓂᑦ. ᐃᓱᒪᓇᕐᐳᖅ ᐊᑐᕐᓂᖓ ᑖᑉᓱᒪ ᑎᑎᖅᑲᐅ ᐊᔾᔨᐸᓗᖕᒋᓐᓂᑦ ᑎᑎᖅᑐᐃᓂᑕᖃᖅᑎᑦᑎᓂᐊᓇᕗᑦ ᓄᓇᕗᓕᒫᒥᑦ.