ᓄᓇᕗᑦᒥ ᖃᐅᓕᓴᕐᕕᒃ ᓇᐃᓪᓕᒋᐊᖅᓯᒪᔪᑦ ᑎᑎᖅᑲᑦ ᓇᐃᓪᓕᒋᐊᖅᓯᒪᔪᑦ – ᖃᐅᔨᓴᕈᑎᐊᑉ ᓚᐃᓴᓐᓯᖕᒐᑕ ᓇᐃᓴᐅᑖ 01 028 14N-M

ᐱᓕᕆᐊᒃᓴᖅ: ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓ ᐊᒻᒪ ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᐃᑦᑕᕐᓂᓴᓕᕆᓂᖅ: ᐃᑦᑕᕐᓂᓴᓕᕆᓂᒃᑯᑦ ᖃᐅᔨᓇᓱᒃᑐᒍ ᓄᓇᐅᑉ ᓴᙱᓂᖓᑦ ᐊᒻᒪ ᖃᓄᑎᒋ ᐊᒃᑐᐃᓂᖃᕋᔭᕆᐊᒃᓴᖅ ᓯᕗᓂᑦᑎᓐᓂ ᖃᐅᔨᓴᖅᑎ ᓲᓴᓐ ᐳᕈᒃ ᒥᐅᓐ, ᓄᓇᒥᒃ ᖃᐅᔨᓴᖅᑎ (CEOS, ᓯᓚᑦᑐᒃᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᒃ)

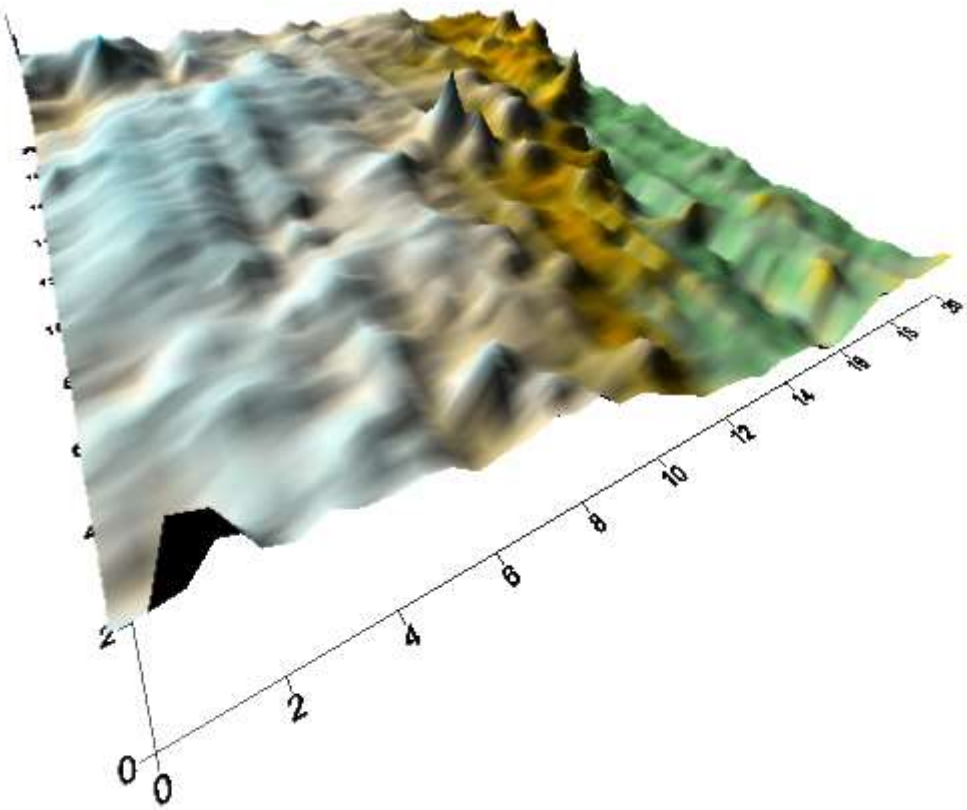
ᐊᕐᕌᒍ 2014, ᖃᐅᔨᓴᖅᑎ ᐳᕈᒃ ᒥᐅᓐ (CEOS, ᓯᓚᑦᑐᒃᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᑦ) ᐊᒻᒪ ᖃᐅᔨᓴᖅᑎ ᕐᐳᑦ ᐹᒃ (ᐃᑦᑕᕐᓂᓴᓕᕆᔨ, ᓯᓚᑦᑐᒃᓴᕐᕕᒃᔪᐊᖅ ᕖᑐᓗᒥᑦ) ᐱᓕᕆᓚᐅᖅᑐᑦ ᑖᖓᕕᐅᖅᑲᑦᑕᕐᓂᑯᒥᑦ ᑕᐃᑲᓂ LdFa-1 ᐊᖓᕕᔪᐊ ᖃᓂᒋᔭᖓᓂᑦ, ᕿᑭᖅᑖᓗᑉ ᓂᒋᖅᐸᓯᐊᓂᑦ. ᓈᒻᒪᙱᑦᑐᓂᒃ ᓂᕆᐅᓚᐅᖏᓐᓂᑦᑎᓐᓄᑦ ᐅᐸᒍᓐᓇᓚᐅᙱᑕᕗᑦ ᖃᐅᔨᓴᕐᓂᐊᓚᐅᖅᑕᕋᓗᐊᖅᐳ– LbDt-1 Hᐆᐅᓐ ᑰᖓᓂᑦ – ᒥᐅᓐ ᐱᔪᓐᓇᐅᑎᖓᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᓚᐅᖅᑐᖅ ᐱᓕᕆᐊᕆᓂᖅᓴᐅᔪᒪᓪᓗᒍ LdFa-1. ᓈᒻᒪᒃᓴᖏᒃᑲᓗᐊᖅᑎᓪᓗᑕ, LdFa-1 ᐅᐸᒍᓐᓇᓚᐅᖏᒻᒥᔭᕗᑦ ᐊᑕᐅᓯᓕᒃ ᒥᑦᑐᓐᓇᓚᐅᖏᓐᓂᖓᓄᑦ. ᑕᐃᒪᐃᒻᒪ, ᖃᐅᔨᓴᖅᑕᐅᓇᓱᓚᐅᖅᑐᑦ ᐊᕐᕌᒍ 2014 ᐅᓪᓗᖅ ᐊᑕᐅᓯᕐᒧᑐᐊᖅ ᐱᓕᕆᐊᕆᔭᕆᐊᖅᑲᓕᐅᖅᑕᕗᑦ (ᓱᕐᓗ ᐃᑲᕐᕋᑦ 8–ᓄᑦ ᓄᓇᒦᑐᐃᓐᓇᖅᓗᑕ).

ᔪᓚᐃ 15, 2014, ᕗᑲᓴᓐ ᐊᒻᒪ ᓛᓐᑐᕆ (ᐃᓕᓐᓂᐊᖅᑎ, ᓄᓇᒥᒃ ᖃᐅᔨᓴᖅᑎ,ᓯᓚᑦᑐᒃᓴᕐᕕᒃᔪᐊᖅ ᒫᓂᑑᐸᒥᒃ) ᓄᓇᐅᑉ ᖃᓄᐃᓐᓂᖓᑦ ᖃᐅᔨᓴᖅᓗᒍ Area ᑦ–ᒥᑦ LdFA-1. 20 x 20 m ᑐᑭᓕᐊᖅᑐᒥᒃ ᐃᓂᖃᖅᓗᓂ (x-axis) 0.5 m ᐋᖅᑭᒃᑕᐅᓪᓗᓂ ᓇᔪᖅᑕᐅᖃᑦᑕᕐᓂᑰᑉ ᖃᓂᒋᔭᖓᓂᒃ. ᑖᓐᓇ ᓄᓇ ᓂᕈᐊᖅᑕᐅᓚᐅᖅᑐᖅ ᐱᖃᓯᐅᑎᓂᐊᖅᓗᒋᑦ ᒪᕿᒃ ᖃᐅᔨᓴᖅᑕᐅᓂᐊᖅᑐᑦ ᐸᒃᕕᐅᓚᐅᖅᓯᒪᔫᖓᓂᒃ ᐊᕐᕌᒍ 2008–ᖑᑎᓪᓗᒍ ᕐᐳᑦ ᐹᒃ. ᑐᕌᖅᑕᐅᓚᐅᖅᑐᖅ ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᓄᓇ ᖃᐅᔨᓴᕈᓐᓇᕐᒪᖔᑦ ᖃᐅᔨᓴᕈᑎᑦ ᐊᑐᕐᓗᒋᑦ ᐊᒻᒪ ᐊᔾᔨᒋᔪᓐᓃᖅᓯᒪᖕᒪᖔᑦ ᓄᓇᐅᑉ ᖃᓄᐃᓕᓯᒪᓂᖓᑦ. ᐆᒃᑐᕋᖅᑕᐅᖏᓐᓇᓚᐅᖅᑐᖅ ᓄᓇᐅᑉ ᖄᖓᑦ 20cm ᐅᖓᓯᑏᓕᖅᓯᒪᔪᓂᒃ ᖁᒻᒧᑦ ᑐᑭᓕᐊᖅᓗᒍ (y-axis) ᓇᓗᓇᕈᓐᓃᖅᑎᒋᐊᒻᒪᕆᒃᓗᒍ Y-axis. ᐋᖅᑭᒃᓯᓯᒪᓪᓗᑕ ᐱᓕᕆᕝᕕᒋᓂᐊᖅᑕᑦᑎᓐᓂᒃ ᖃᐅᑕᒫᖅ ᓄᓇᐅᑉ ᖃᓄᐃᓐᓂᖓᓂᒃ ᐱᖃᓯᐅᑎᓪᓗᒍ ᓈᒻᒪᒃᓯᓕᕈᑎ ᐊᓯᔾᔨᖅᓯᒪᔪᓄᑦ. ᓈᒻᒪᒃᓯᓕᖅᓯᒪᔪᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᕐᒧᑦ ᓇᓗᓇᕈᓐᓃᖅᓯᒪᓚᐅᖅᑐᑦ ᓱᒃᑲᐃᑦᑐᒥᒃ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓚᐅᕐᓂᖓᑦ ᐃᔾᔪᖅ ᐊᒻᒪ ᐅᔭᕋ ᓴᖅᑭᔾᔭᖅᑐᖅ ᐅᐊᖕᓇᒥᑦ ᐊᑭᓐᓇᖅᐸᓯᖓᓂᒃ ᐊᒻᒪ ᓂᒋᖅᐸᓯᐊᓄᑦ ᑲᓇᖕᓇᕐᒥᑦ. ᐊᑦᑎᓛᖑᓪᓗᓂ ᖃᕝᕙᓯᒃᑎᒋᓂᖓᑦ ᖃᐅᔨᓴᕐᕕᒋᔭᑦᑎᓐᓂᑦ.

ᐱᒻᒪᕆᐅᓂᖅᓴᐅᓚᐅᖅᑐᖅ ᓄᓇᐅᑉ ᖃᓄᐃᓕᖓᓂᖓᑦ ᐊᔾᔨᒌᙱᕈᓗᔭᖅᓗᑎᒃ ᖃᐅᔨᓴᖅᕕᒋᓚᐅᖅᑕᑦᑎᓐᓂᒃ. ᓄᓇᐅᑉ ᖃᓄᐃᓕᖓᓂᖓᑦ ᓇᓗᓇᐃᕈᓐᓇᖅᑐᖅ ᒪᕐᕈᖕᓄᑦ ᐱᔾᔪᑏᖕᓄᑦ. ᐃᓚᖓ ᐱᔾᔪᑎᖃᑐᐃᓐᓇᕆᐊᓕᒃ ᓄᓇᐅᑉ ᖃᓄᐃᓐᓂᖓᓄᑦ ᐆᑕᕐᓂᑯᓄᑦ ᐅᕝᕙᓗᓐᓃᑦ ᐆᑦᑎᖃᑦᑕᓚᐅᕐᓂᖏᓐᓄᑦ. (ᓱᕐᓗ ᓄᓇᖅᐸᓚᐅᖅᓯᒪᔪᑦ ᐃᑭᑎᑦᑎᖃᑦᑕᕐᓂᑯᑦ ᑕᒫᓂ ᓄᓇᒥᒃ). ᐊᕐᕌᒍ 2008 ᐸᒃᑕᐅᓚᐅᕐᓂᖓᓄᑦ ᐱᔾᔪᑕᐅᑐᐃᓐᓇᕆᐊᓕᒃ ᐃᔾᔪᖓᓄᑦ ᐱᓕᕆᐊᖑᖃᑦᑕᓗᐊᖅᓗᓂᓗ ᖁᕝᕙᕆᐊᕐᓗᓂᓗᓐᓃᑦ ᐅᕝᕙᓗᓐᓃᑦ ᐊᑦᑎᒃᓯᓗᓂ ᓄᓇᐅᑉ ᖃᓄᐃᓐᓂᖓᑦ ᓴᖅᑭᔾᔭᕐᓂᖓ ᖄᖓᓂᑦ. ᑕᒪᕐᒥᒃ ᐱᕙᓪᓕᐊᔪᑦ ᓈᒻᒪᒃᑐᑦ ᓴᐅᓂᑦ ᓇᓂᔭᐅᓚᐅᖅᑐᑦ ᓇᓗᓇᐃᔭᐅᑎᐅᓂᖏᓐᓄᑦ ᐆᒪᓇᓱᖃᑦᑕᓚᐅᖅᓯᒪᓂᖏᓐᓄᑦ ᐊᒻᒪ ᖃᐅᔨᓴᕈᑕᐅᔪᑦ ᐸᒃᖕᓂᒃᑯᑦ ᐱᔾᔪᑎᖃᓗᐊᓚᐅᖅᑐᑦ ᐃᔾᔪᕐᒧᑦ.

ᖃᐅᔨᓴᕐᓂᐊᓚᐅᖅᑕᕋᓗᐊᕗᑦ ᐱᓕᕆᔪᓐᓇᓚᒪᐅᖏᒃᑲᓗᐊᖅᓗᑎᒍ ᐅᐸᒍᓐᓇᓚᐅᖏᓐᓂᑦᑎᓐᓄᑦ ᓄᓇ, ᓇᓗᓇᕈᓐᓃᑦᓯᒪᓂᖓᑦ ᖃᐅᔨᓴᖅᑕᕗᑦ ᓂᕆᐅᑦᑎᐊᕐᓇᖅᑐᖅ ᓯᕗᓂᑦᑎᓐᓂᒃ ᐱᓇᔪᒃᑲᓐᓂᑖᕈᑦᑕ. ᖃᐅᔨᓴᖅᑕᕗᓪᓗ ᓇᓗᓇᕈᓐᓃᕈᑎᑎᓚᐅᖅᓗᓂᐅᒃ ᐅᔭᕋ ᓴᖅᑭᔾᔭᖅᑐᑦ ᐋᖅᑭᒐᒃᓴᐅᓂᖓᓂᒃ ᓇᓂᓯᔾᔪᑎᒃᑯᑦ (ᓱᕐᓗ ᓄᓇᒥᒃ ᐃᑎᖅᓯᔪᓐᓇᖅᑐᒥᒃ ᓇᓂᓯᔾᔪᑎ), ᐸᕐᓇᒃᑕᐅᓚᐅᖅᑑᒐᓗᐊᖅ ᐊᕐᕌᒍ 2014 ᖃᐅᔨᓴᖅᑕᐅᓪᓗᓂ, ᑭᓯᐊᓂ ᑎᑎᖅᓯᒪᔪᖃᖅᑐᖅ, ᐱᓕᕆᐊᕆᔭᐅᔪᓐᓇᓚᐅᖏᑦᑐᖅ. ᓱᓕ, ᓇᓗᓇᐃᔭᖅᓯᒪᔪᑦ ᐱᒻᒪᕆᐅᔪᑦ ᓯᕗᓂᑦᑎᓐᓂᒃ ᓄᓇᒥᒃ ᖃᐅᔨᓴᕈᑕᐅᓛᖅᑐᓄᑦ ᐊᒻᒪ ᐊᓯᖏᓐᓄᑦ ᕿᑭᖅᑖᓗᑉ ᓂᒋᖅᐸᓯᐊᓂᑦ.

ᐊᔾᔨᙳᐊᖅ 1. ᕗᑲᓴᓐ ᐊᒻᒪ ᓛᓐᑐᑎ ᓄᓇᐅᑉ ᖃᓄᐃᓐᓂᖓᓂᒃ ᖃᐅᔨᓴᖅᑐᑦ Area5–ᒥᒃ LdFa-1, ᐊᖕᒫᖅᓯᐊᖅ, ᕿᑭᖅᑖᔫᑉ ᓂᒋᖅᐸᓯᐊᓂᒃ (ᐊᔾᔨᙳᐊᖅ: ᕌᐳᑦ ᐹᒃ).



ᐊᔾᔨᙳᐊᖅ 2. ᑎᑎᕋᐅᔭᖅᓯᒪᔪᑦ ᓇᓗᓇᐃᔭᖅᓯᒪᓪᓗᑎᒃ ᖁᕝᕙᕆᐊᖅᓯᒪᓂᖕᒋᑦ ᓄᓇᐅᑉ ᖃᓄᐃᓕᖓᓂᖓᓂᒃ 20 x 20 ᖃᐅᔨᓴᕐᕕᒋᓚᐅᖅᑕᑦᑎᓐᓂᒃ 10-14 m ᐅᖓᓯᖕᓂᓕᒃ x-axis–ᒥᑦ ᐊᒻᒪ 7-10m y-axis–ᒥᑦ. ᐊᕐᕌᒍ 2008–ᒥᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᑯᑦ ᑕᕝᕙᓃᒻᒥᔪᑦ (ᐊᔾᔨᙳᐊᑦ ᓛᓐᑐᕆᒥᒃ. 2015).