ᐅᓂᒃ ᑲᓕᐊᖅ ᒫᔅ ᒧᑦ (ᐅᓪᓗᕆᐊᕐᒧᑦ ᓯᖑᕆᕐᒧᑦ ᖃᐅᔨᓴᖅᑎᑦ)
ᑲᑐᔾᔨᖃᑎᒌᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᖅ ᐅᑭᐅᖅᑕᖅᑐᕐᒥ ᐱᓕᕆᐊᖅ
ᓘᒃ ᑖᖅ ᑖᐳᑦ ᔪᑉ ᕆᓐ
ᐊᖏᔪᖅᑲᖅ,ᒫᔅ (ᐅᓪᓗᕆᐊᕐᒧᑦ ᓯᖑᕆᕐᒧᑦ)ᑲᑐᔾᔨᖃᑎᒌᑦ
ᕖᕝᕗᐊᕆ 22, 2007

ᑖᒃᑯᐊᒫᔅ (ᐅᓪᓗᕆᐊᒧᑦ ᓯᖑᕆᕐᒧᑦ)ᑲᑐᔾᔨᖃᑎᒌᖑᔪᑦ ᐱᓕᕆᐊᖃᖅᑐᑦ
ᖃᐅᔨᓴᐃᔪᒪᓪᓗᑎᒃ ᓄᓇᑖᕐᕕᐅᔪᓐᓇᕋᔭᕐᒪᖔᑦ ᐅᓪᓗᕆᐊᖅᓯᖑᕆᖅ.
ᔪᓚᐃ 2000-ᖑᑎᓪᓗᒍ,ᑖᒃᑯᐊᑲᑐᔾᔨᖃᑎᒌᖑᔪᑦ ᓯᖑᕆᕐᒧᑦ
ᖃᐅᔨᓴᐃᕕᖕᒥᒃ ᓴᖅᑭᑦ ᑎᓚᐅᕐᓯᒪᔪᑦ ᑕᐃᒪᓐᓇᑦ ᑕᐅᖅᓯᖑᕆᐅᑉ
ᓄᓇᖓᑐᑦ ᐋᖅᑭᒃᓯᒪᔪᒥᒃ ᐃᑎᕐᓴᓕᐊᕆᓯᒪᔪᒥ ᑕᓪᓗᕈᑎᐅᑉ ᕿᑭᖅᑕᖓᓂ,
ᓄᓇᕗᒥ,ᑕᐃᔭᐅᓪᓗᓂᑖᓐᓇ Flashline Mars Arctic Research Station (FMARS)
ᐅᓪᓗᕆᐊᒥᓯᖑᕆᕐᒥᖃᐅᔨᓴᐃᕕᒃᐅᑭᐅᖅᑕᖅᑐᕐᒥ. ᑖᓐᓇ
ᖃᐅᔨᓴᐃᕕᐅᔪᖅᐊᐅᓚᑕᐅᖃᑦᑕᕐᓯᒪᓕᖅᑐᖅᐊᐅᔭᖏᓐᓂᐊᕐᕋᒍᓂ
ᐅᑯᓇᓂ 2001, 2002, 2003, 2004, and 2005.ᐊᒻᒪ 2005-ᒥ. ᑖᒃᑯᐊ
ᐋᖅᑭᒃᓯᖅᑕᐅᓯᒪᔪᑦ ᐃᔾᔪᐊᖅᑕᐅᖁᓪᓗᒍᒥᑎᓪᓗᒍ
ᐊᓂᕐᓂᖃᕐᓇᖏᑦᑐᒃᑯᑦ ᖃᖓᑕᓲᖁᑎᒋᔭᐅᔪᖅᐅᓪᓗᕆᐊᒧᑦ ᓯᖑᕆᕐᒧᑦ,
ᑖᒃᑯᐊᐅᓪᓗᕆᐊᒧᑦ ᓯᖑᕆᕐᒧᑦ ᑲᑐᔾᔨᖃᑎᒌᒍᔪᑦ ᖃᐅᔨᓴᕐᕕᖓᓐᓂ
ᐱᕚᓪᓕᖅᑎᑦ ᑎᔪᓐᓇᒻᒪᕆᒃᑐᑦ ᖃᐅᔨᓴᐃᓂᕆᔭᖓᓐᓂᒃ
ᓄᓇᒋᔭᐅᔪᓐᓇᕐᒪᖔᑦ ᐅᓪᓗᕆᐊᖅᓯᖑᕆᖅ,ᖃᐅᔨᓴᐃᕕᖓᓐᓂᑕᓪᓗᕆᑎᐅᑉ
ᕿᑭᖅᑕᖓᓂ.ᑖᓐᓇᓯᖑᕆᕐᒧᑦ ᐅᓪᓗᕆᐊᒧᑦ ᖃᐅᔨᓴᐃᕕᐅᔪᖅᐱᖓᓱᓂᒃ
ᑐᕌᒐᒃᓴᖃᖅᑐᖅ:

1) ᐆᒃᑐᕋᕐᕕᐅᖁᓪᓗᒍᖃᐅᔨᓴᐃᕕᐅᓗᓂᐅᓄᖅᑐᓄᑦ
ᐊᑐᖅᑕᐅᒐᔭᖅᑐᓄᑦᐊᐅᓚᑕᐅᓗᑎᒃᐊᑐᖅᑕᐅᓗᑎᒡᓗᓯᖑᕆᕐᒥ
ᐅᓪᓗᕆᐊᒥᓄᓇᖃᕋᓯᐊᓕᕈᑎᒃ.

2) ᖃᐅᔨᓴᐃᕕᖃᖁᓪᓗᒋᑦᑐᑭᓯᕚᓪᓕᖅᑕᐅᖁᓪᓗᒍᐅᑭᐅᖅᑕᖅᑐᖅ,
ᓄᓇᕐᔪᐊᖅ,ᓯᖑᕆᕐᓗᑕᐃᓐᓇᐅᓪᓗᕆᐊᖅ,ᐊᒻᒪ
ᖃᓄᐃᓕᐅᕈᓐᓇᕐᒪᖓᑕᐊᒻᒪᑭᒡᓕᖏᑦᐃᓅᓯᑦᑕᓄᓇᕐᔪᐊᑦᑎᓐᓂ
ᐊᒻᒪᐅᖓᑖᓄᑦ.

3) ᑐᓴᐅᒪᑎᑦᑎᖁᓪᓗᒋᑦᐊᒻᒪᐱᔪᒥᓇᕐᓯᑎᑕᐅᖁᓪᓗᒍᓄᓇᕐᔪᐊᕐᒥ
ᖃᐅᔨᔪᒪᓂᖅᓴᐅᓕᕐᓂᐊᕐᒪᑕᐊᓂᕐᓂᖃᕐᓇᖏᑦᑐᑦᑎᓐᓂᒃ
ᑕᑯᑎᖃᑦᑕᕐᓗᒋᑦᑕᖏᓕᖕᓂᒃᑕᐅᑐᓐᖑᐊᖅᑕᖏᓐᓂᒃ
ᓄᓇᖃᓕᖅᑎᓪᓗᒋᑦᓯᖑᕆᕐᒥᖃᓄᐃᒃᑲᔭᕐᒪᖔᑕ.

ᑖᒃᑯᐊᖃᐅᔨᓴᖅᑕᐅᓪᓗᑎᒃᐱᓕᕆᐊᖑᖃᑦᑕᖅᑐᑦᓯᖑᕆᕐᒥᐅᓪᓗᕆᐊᒥ
ᓄᓇᖃᕈᓐᓇᕐᒪᖔᑕᖃᐅᔨᓴᐃᕕᐅᔪᖅᐊᔾᔨᐅᖏᑦᑑᕗᖅ.ᐊᐅᔭᒃᑯᑦ,6-
ᖑᔪᓂᑦ 7-ᖑᔪᓄᑦᐃᓄᖃᖃᑦᑕᖅᑐᖅᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᓂᒃᐊᒻᒪ
ᐊᐅᓚᐅᓯᕆᔨᐅᔪᓂᒃᖃᐅᔨᓴᐃᓪᓗᑎᒃᓄᓇᖃᕐᕕᐅᔪᓐᓇᕐᒪᖔᑦ
ᓄᓇᓐᖑᐊᑎᒍᑦᓇᓗᓇᐃᒃᑯᑕᖃᖅᑐᖅ 75 degreeᐅᐊᖕᓇᖓᓂᑲᓇᑕᐅᑉ,
ᑕᓪᓗᕈᑎᐅᑉᕿᑭᖅᑕᖓᓂ,ᑖᒃᑯᐊᐃᖅᑲᓇᐃᔭᖃᑦᑕᖅᑐᑦᑕᐃᒪᓐᓇᑦᑕᐅᖅ
ᐊᐅᓚᑦᑎᔾᔪᑎᖏᑦᑭᒃᓕᖃᐅᕐᓱᑎᒃᖃᐅᔨᓴᐃᑎᓪᓗᒋᑦᓯᖑᕆᕐᒥᒃ.
ᑖᒃᑯᐊᐃᖅᑲᓇᐃᔭᖃᑦᑕᖅᑐᑦ/ᐊᖏᕐᕋᖃᕐᕕᒋᓪᓗᒍᓗᐊᔾᔨᖓᓂᒃ
ᓴᓇᒪᓂᖃᖅᑐᖅᓯᖑᕆᕐᒥᐅᑉᒃᑕᐅᓕᓵᖅᑎᓪᓗᒍ
ᐋᖅᑭᒃᓯᒪᓂᕆᓚᖅᑕᖓᓂᒃ.ᑭᓇᑐᐃᓐᓇᖅᓇᔪᓚᒥᓂᒃᕿᒪᐃᓂᐊᖅᑐᖅ
ᓄᓇᒥᖃᐅᔨᓴᐃᔭᖅᑐᕐᓗᓂᐊᑐᕆᐊᖃᖃᑦᑕᕋᔭᖅᑐᑦᐊᓂᕐᓂᖃᕐᓇᖏᑦᑐᒥ
ᐊᓐᓄᕋᕆᔭᐅᕙᒃᑐᓂᒃ,ᐃᖃᕐᓇᕐᓗᑎᒃ,ᐱᒡᓚᕐᓇᕐᓗᑎᒃ,
ᑎᒍᓯᑦᑎᐊᕐᓇᕋᑎᒡᓗᐊᒻᒪᐃᒃᐱᖕᓂᐊᓇᑎᒃ
ᑎᒍᓯᓇᓱᒃᑲᓗᐊᖅᑎᑦᓗᒋᑦᐊᑐᖅᑎᐅᔪᑦ,ᐊᒻᒪᓇᑕᐅᑎᒃᑯᑦᑭᓯᐊᓂ
ᐅᖃᖃᑎᒋᕙᒡᓗᓂᒋᑦᖃᓂᒋᔭᑯᓗᒋᓚᓗᐊᕐᓗᓂᒋᑦᐃᖅᑲᓇᐃᔭᖃᑎᒋᔭᓂ.
ᑕᐃᒪᓕᑕᐃᑲᓂᖃᐅᔨᓴᕐᕕᖕᒥ,ᑖᒃᑯᐊᐃᖅᑲᓇᐃᔭᖅᑎᐅᔪᑦ
ᖃᐅᔨᓴᐃᓪᓗᑎᒃᕿᒥᕐᕈᓇᖃᑦᑕᖅᑐᑦᐃᓯᐅᑕᐅᔪᓂᒃᓄᓇᒥᑦ

ᐱᔭ ᓇᓂᕐ ᓂᑦ ,ᓴ ᓇᕐ ᕈ ᑎᖏᑕ ᓗ ᐊᐅᓚᐅᑎᖏᑦ ᓱᕋᒃ ᓯᒪᔪᑦ
ᓴᓇᔭ ᐅᕙᒡ ᓗᑎᒃ ,ᐅᓂᒃ ᒃᑳᐊᓂᒡ ᓗᑎᑎᕋᖅᐸᒡ ᓗᑎᒃ (ᑖᒃ ᑯᐊ
ᑕᐅᕐ ᓲᖃᑎᒋᒍᑕᐅᖃᑦ ᑕᖅᑐᑦ ᐃᓚᒋᔭᐅᔪᓄᑦ ᑲᑐᔾᔨᖃᑎᒌᓄᑦ ᓯᖑᓇᕐᒥ
ᓄᓇᖃᕈᓐᓇᕐᒪᖕᒐᑕᖃᐅᔨᓴᖅᑎᓄᑦ ᐃᑲᔪᖅᑎᐅᔪᓄᑦ
ᖁᒻᒧᐊᒃᑎᑕᐅᓯᒪᔪᒃᑯᑎᑦᖃᓇᑕᐅᔭᒃᑯᑦᐱᑐᒃᓯᒪᑦᓗᑎᒃᑕᐃᒪᓐᓇ
ᓲᕐᓗᓯᖑᓇᕐᒥᑦᓄᓇᕐᔪᐊᕐᒧᑦᐅᖃᖃᑎᒌᖃᑦᑕᕐᓱᑎᒃᐊᒻᒪ
ᐅᖃᑦᓚᒃᑕᖏᑦᑕᐃᒪᓐᓇᑦᑕᐅᖅᑭᖑᕙᕐᓯᒪᑦᓗᑎᒃᑎᑭᐸᐸᒡᓱᑎᒃ),
ᐊᒻᒪᐱᓕᓇᐊᖃᖃᑦᑕᕐᒥᔪᑦᖃᐅᑕᒫᕐᓯᐅᑎᓂᒃᑲᑐᔾᔨᑦᓗᑎᒃ.
ᐱᔾᔪᑎᐊᑕᐃᒪᓐᓇᐱᑦᓚᖅᑖᖅᑐᑎᑐᑦᐊᐅᓚᓂᖃᖅᑎᑦᓗᒋᑦ
ᐱᔭᓇᐊᖃᕐᒪᑕᑐᑭᓯᕙᑦᓕᖁᑦᓗᒋᑦᓯᖑᓇᕐᒥᓄᓇᖃᓕᕈᑎᒃ
ᖃᐅᔨᓴᐃᑎᑦᓗᒋᑦᖃᓄᐃᓕᐅᕋᔭᕐᒪᖕᒐᑕ,ᐃᓄᖏᑕᓗᐱᔾᔪᑎᖏᑦ,ᐊᒻᒪ
ᐊᐅᓚᓯᓇᔾᔪᓯᖏᑦ-ᐊᒻᒪᐃᓕᓐᓂᐊᓕᕐᓗᑎᒃᖃᓄᖅ
ᖃᐅᔨᓴᐃᔪᓐᓇᕐᒪᖕᒐᑕᓯᖑᓇᕐᒥᒃ.

2005-ᖑᑎᑦᓗᒍᖃᐅᔨᓴᐃᑎᑦᓗᒋᑦ,6-ᖑᔪᓂᒃᐃᓄᖃᓚᐅᖅᑐᖅ
ᖃᐅᔨᓴᐃᕕᐅᔪᖅᐱᓇᓱᐊᕈᓯᕐᓄᑦᑎᓴᒪᓄᑦ.ᑕᐃᑦᓱᒪᓂ,
ᐱᓱᒃᑕᖃᑦᑕᓚᐅᖅᑐᑦᐊᒻᒪᓄᓇᓯᐅᑎᒃᑯᑦᐃᖏᕐᕋᔭᒡᓗᑎᒃ
ᓇᓴᐃᖃᑦᑕᓚᐅᖅᑐᑦᖃᐅᔨᓴᐃᔭᖅᑐᕐᓗᑎᒃᒪᓕᒃᑕᐅᑦᓗᑎᒃᒪᓕᒐᖏᑦ
ᐱᓕᓇᔨᖏᑕᐅᖓᓯᖕᓂᖃᓕᓚᐅᖅᑐᑦ 10ᕿᓚᒥᑐᓴᓂᒃᑕᕝᕙᓐᖓᑦ
ᓇᔪᖅᑕᖓᓐᓂᑦ.ᑖᒃᑯᐊᖃᐅᔨᓴᐃᕕᐅᔪᑦᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᑦ
ᖃᐅᔨᓴᕈᑕᐅᑦᓗᑎᒃᖃᐅᔨᔭᐅᔪᒪᓂᖅᐹᖑᔪᓂᒃ,ᖃᐅᔨᓴᖅᑕᐅᓚᐅᕐᓗᑎᒃ
ᐊᒻᒪᐅᐸᒃᑕᐅᒃᑲᓐᓂᖃᑦᑕᕐᓗᑎᒃ.ᐅᔭᕋᐃᑦᖃᐅᔨᓴᒐᒃᓴᐃᑦ
ᐱᔭᐅᑦᓗᑎᒃᐊᒻᒪᓈᓴᐅᓯᕐᓯᖅᑕᐅᑦᓗᑎᒃᑎᑎᕋᖅᑕᐅᑦᓗᑎᒡᓗ,ᐊᒻᒪ
ᐅᔭᕋᐃᑦᖃᓄᖅᑭᓯᕋᔭᐅᖕᒪᖕᒐᑕᖃᐅᔨᓴᖅᑕᐅᑦᓗᑎᒃ
ᑐᑭᓯᕙᑦᓕᖁᑦᓗᒋᑦᑭᖑᓂᑦᑎᓐᓂᖃᓄᐃᓐᓂᕐᒪᖕᒐᑦ.ᖃᐅᔨᓴᒐᒃᓴᐅᔪᑦ
ᐱᔭᐅᓚᐅᖅᑐᑦᕿᓐᖑᒻᒥᒐᖅᑕᐅᑦᓗᑎᒡᓗᖃᐅᔨᓴᖅᑕᐅᑦᓗᑎᒃ
ᐆᒪᔪᑯᓗᒃᑕᖃᕐᒪᖕᒐᑕᐅᔭᕋᐅᑉᐃᓗᐊᓂᑕᐃᒪᓐᓇᐃᑦᑐᖃᕋᔭᕐᒪᖕᒐᑦ
ᓯᖑᓇᕐᒥ.ᐅᓄᒃᑦᓚᒃᑐᓂᒃᐅᔭᕋᕈᕐᓯᒪᔪᓂᒃᐆᒪᔪᕕᓂᕐᓂᒃ
ᓇᓂᓯᓚᐅᖅᑐᑦᐊᒻᒪᓇᓗᓇᐃᖅᑕᐅᑦᓗᑎᒃ,ᐱᖃᓯᐅᑎᑦᓗᒋᑦ
ᖁᐱᕐᕈᕕᓂᕈᔪᐃᑦᐊᒻᒪᐱᕈᖅᑐᕕᓂᑦᑕᕆᐅᕐᒥ.ᖃᐅᔨᓴᖁᑕᐅᔪᑦ
ᐱᔭᕐᓂᖏᑦᑐᓂᒃᐊᐅᓚᐅᑎᓂᒃᖃᐅᔨᓴᕈᑎᖃᓚᐅᖅᑐᑦᒪᓕᒃᑕᐅᑦᓗᑎᒃ
ᐱᓕᓇᔨᒻᒪᕆᑦᒪᓕᒐᖏᑦ.ᖃᐅᔨᓴᐃᓂᐅᔪᑦᐊᑐᓚᐅᕐᒥᔪᑦ
ᐊᐅᓚᐅᑎᖃᖅᑐᒥᒃᐃᖏᕐᕋᔪᓐᓇᖅᑐᓂᒃᐊᒻᒪᐃᖅᑲᓇᐃᔭᖅᑎᑦ-
ᐊᐅᓚᐅᑎᖃᖅᑐᑦᓗᖃᐅᔨᓴᖅᑕᐅᑦᓗᑎᒃᐊᒃᑐᐃᓂᓇᔭᖏᑦ
ᐃᒥᖃᑦᑕᖏᓐᓂᖅᓴᐅᑎᑦᓗᒋᑦᐃᖅᑲᓇᐃᔭᖅᑎᐅᔪᑦ,ᐊᒻᒪᐊᑑᑎᖃᕐᓂᖓ
ᐃᖃᐃᓕᓴᖃᑦᑕᖅᑎᑦᓗᒋᑦᐃᖅᑲᓇᐃᔭᖅᑎᐅᔪᑦᑎᒥᖏᑦ
ᐋᖅᑭᑦᑎᐊᕐᓯᒪᖁᑦᓗᒋᑦᐊᒻᒪᐃᓱᒪᖏᑦ.

ᐃᓚᒋᑦᓗᒍ,ᖁᓛᓄᑦ,ᑖᒃᑯᐊᐃᖅᑲᓇᐃᔭᖅᑎᐅᔪᑦᑕᐃᑲᓂᓇᔪᖅᑕᐅᔪᒥ
ᑕᖅᑲᒃᑯᓄᖓᑐᓴᒐᒃᓴᓂᒃᐅᓄᖅᑐᓂᒃᐱᓕᓇᐊᖃᖃᑦᑕᓚᐅᖅᑐᑦ,
ᑎᑎᕋᖅᑕᐅᖃᑦᑕᕐᓗᑎᒃᐊᒥᐊᓕᒃᑲᓐᓄᓇᖓᓐᓂᐊᒻᒪᑲᓇᑕᒥᐅᑦ
ᓄᓇᖓᓐᓂᑐᓴᒐᒃᓴᐅᔪᓂ,ᖃᓇᑕᐅᔭᒃᑯᑦ,ᓇᓚᐅᑎᒃᑯᑦ,ᐊᒻᒪ
ᑕᓚᕕᓴᒃᑯᑦ.ᒪᕐᕈᐊᖅᑎᑎᕋᖅᑕᐅᓚᐅᕐᒥᔪᑦᐱᕙᑦᓕᐊᔪᓕᓇᔨᒧᑦ
ᖃᐅᔨᒪᔭᐅᒻᒪᓇᒃᑐᒧᑦᔭᓐᑎᐅᕐᓂᒧᑦ,ᓴᖅᑭᔭᖅᑎᑕᐅᑦᓗᑎᒃ
ᐱᕙᑦᓕᐊᔪᖏᓐᓂᓂᐅᔪᐊᒃᐅᑯᓇᓂ *The New York Times.*

ᑮᓇᐅᔭᑭᒃᓴᒧᑦ,ᓇᔪᕐᓗᒍᖃᐅᔨᓴᖅᑕᐅᓚᐅᖏᑦᑐᖅᐊᕐᑖᒍᖓᓂ 2006.
2007-ᒥᓕ,<ᕐᓇᒃᓯᒪᕗᒍᑦᖃᐅᔨᓴᐃᒃᑲᓐᓂᕈᒪᑦᓗᑕ 7-ᓂᒃᐃᓄᖃᕐᓗᓂ
ᑕᐃᖕᓇᓇᔪᒐᐅᔪᖅᑕᖅᑭᓄᑦᑎᓴᒪᓄᑦᑕᐃᑲᓃᑦᓗᑎᒃ,ᐱᒋᐊᕐᓗᒍᒪᐃ
1ᒥᑦᑎᑭᓐᓇᓯᐊᕐᓂᖓᓂᐊᒡᑏᓯ.ᐊᑯᓂᐅᓂᖅᐹᖑᔪᖅᑖᓐᓇ
ᓇᔪᖅᑕᐅᓂᐊᖅᑐᖅᓯᖑᓇᕐᒥᓐᖑᐊᖅᑐᑦᐊᒻᒪᓄᓇᕐᔪᐊᕐᒥ

ᐊᑯᓂᐅᓂᖅᐹᖑᓂᐊᖅᑐᖅ ᐅᑦ ᓗᒥᒧᑦ ᑎᑭᑦ ᓗᒍ. ᐱᓕᕆᔨᒻ ᒪᕆᐅᔪᑦ
ᖃᐅᔨᓴᖅᑎᒻ ᒪᕆᐅᔪᑦ ᐃᖅᑲᓇᐃᔭᖅᑎᑖᕆᔭᐅᓯᒪᕗᑦ
ᐃᑲᔪᖅᑐᐃᖁᑦ ᓗᒋᑦ ᐱᓕᕆᐊᒥᒃ ᖃᐅᔨᓴᐃᓂᑦ ᒧᑦ ᐊᖅᑯᑎᖃᑦ ᓗᑎᒃ
ᑐᓴᐅᒪᖃᑎᒌᖕᓂᑦ ᒧᑦ ᖁᒻ ᒧᐊᒃ ᑎᑕᐅᓯᒪᔪᖅ ᐊᑐᑦ ᓗᒍ
ᐅᖃᖃᑎᒌᖃᑦ ᑕᑦ ᓗᑎᒃ. ᑕᐃᒪᒋᓇᔪᒋᓇᑦᓯᓂᐊᕋᑦ ᑕ "ᑕᓚᕕᓴᒃᑯᑦ
ᖃᐅᔨᓴᐃᓂᖅ"ᐱᓕᕆᖃᑎᒋᔭᐅᓗᑎᒃ ᑖᒃᑯᐊᖃᐅᔨᓴᖅᑎᐅᔪᑦ
ᓯᖑᕆᑦᒥᓐᖑᐊᖅᑐᑦ ᐊᒻᒪ ᓄᓇᑦᔪᐊᑦᒦᑦᑐᑦ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ
ᐊᑐᖅᑕᐅᔭᕆᐊᖃᕋᔭᑦᒪᑕᑕᐃᑦᓯᒪᓂᓯᖑᕆᑦᒧᑦ ᓄᓇᖃᕆᐊᖅᑐᓕᖅᐸᑕ.