ᓄᓇᕗᑦ ᒐᕙᒪᖓ RM003-2025 1

ᐅᑯᓄᖓ ᑐᓂᔭᐅᔪᖅ

ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ

ᐆᒧᖓ

ᑐᓴᒐᒃᓴᑦ: X ᐃᓱᒪᓕᐅᕈᑎᑦ:

ᐱᔾᔪᑖ: ᓄᓇᕗᑦ ᒐᕙᒪᖓ, ᐊᕙᑎᓕᕆᔨᒃᑯᑦ−ᐊᔾᔨᒌᙱᑦᑐᑦ ᐱᓕᕆᐊᖑᔪᑦ ᓄᑖᙳᕆᐊᖅᓯᒪᔪᑦ

ᐊᒃᖤᒃᑕᐅᔪᑦ ᖃᐅᔨᓴᒐᒃᓴᐃᓪᓗ

• ᓄᓇᕗᑦ ᑭᒡᒐᖅᑐᐃᕗᖅ ᐅᐊᖕᓇᖅᐸᓯᐊᓂ ᐊᒃᖤᖏᓐᓂ (ᐊᒃᓚᐃᑦ) ᓇᓂᑐᐃᓐᓈᖅᑐᑦ ᑲᓇᑕᒥ.
• ᐊᒃᖤᐃᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓱᒫᓘᑕᐅᓪᓗᑎᒃ ᑲᓇᑕᒥ ᐆᒪᔪᐃᑦ ᐊᑦᑕᕐᓇᖅᑐᒦᑦᑐᑦ ᐱᖁᔭᖓᑎᒍᑦ (SARA)
ᓇᓄᐃᓪᓗ ᓇᓐᓄᒃᑕᐅᒐᔪᒃᐳᑦ ᐊᓐᓇᐅᒪᔾᔪᑕᐅᓪᓗᑎᒃ, ᐃᓅᓯᕐᒥᒃ ᐊᒻᒪ ᐱᖁᑎᓂᒃ ᓴᐳᔾᔨᓇᓱᒃᖢᑎᒃ ᐊᒻᒪ ᑮᓇᐅᔭᓕᒡᔪᐊᓂᒃ ᐊᖑᓇᓱᒋᐊᖅᑎᑦᑎᕙᒃᖢᑎᒃ ᐅᓄᙱᓐᓂᖅᓴᓂᑦ. ᐅᓄᙱᑦᑐᑦ ᓂᐅᕕᐊᒃᓴᖃᖃᑦᑕᖅᑐᑦ
ᐊᒥᖏᓐᓂ ᐊᓯᖏᓐᓂᓪᓗ.

• ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᓱᓕ ᑲᑎᖅᓱᐃᑎᑦᑎᖃᑦᑕᖅᐳᑦ ᖃᐅᔨᓇᓱᒃᖢᑎᒃ ᓄᓇᙳᐊᒃᑯᑦ ᓇᓃᓐᓂᖏᓐᓂᒃ, ᑭᓲᓂᖏᓐᓂᒃ,
ᐊᕐᕌᒍᖏᓐᓂᒡᓗ ᐊᒃᖤᐃᑦ ᐊᖑᔭᐅᕙᒃᑐᑦ ᓄᓇᕗᒻᒥ.
• ᐊᖑᓇᓱᒃᑎᑦ ᑐᓂᓯᖃᑦᑕᖁᔭᐅᔪᑦ ᐊᓪᓕᕈᐊᓂ ᐊᓪᓕᕐᒥᑦ ᓂᐊᖁᐃᓐᓇᖓᓂᓪᓘᓐᓃᑦ, ᓄᑭᒥᑦ, ᐊᒥᑯᓗᖕᒥᓪᓗ
ᒥᖅᑯᖃᕐᓗᓂ (2 cm x 5 cm), ᑐᓴᖅᑎᑦᑎᓗᑎᒡᓗ ᖃᖓ ᓇᓐᓄᓚᐅᕐᒪᖔᑦ (ᐅᓪᓗᖓᓂ, ᓇᓂ, ᐊᓯᖏᓪᓗ) ᐆᒪᔪᕐᓂᐊᖅᑎᖏᓐᓄᑦ. ᑭᒍᑎᖏᓐᓂ ᖃᐅᔨᓴᒐᒃᓴᓂᑦ ᐊᑐᖃᑦᑕᖅᐳᑦ ᖃᐅᔨᔭᐅᓇᓱᒃᖢᓂ ᓇᓐᓄᒃᑕᐅᔫᑉ ᐅᑭᐅᖓ.
• 2020−ᒥᑦ 2024−ᒧᑦ ᑲᑎᖦᖢᒋᑦ 200−ᓂᒃ ᐊᒃᖤᓂᒃ ᓇᓐᓄᒃᑕᐅᔪᓂᒃ ᐅᖃᐅᓯᐅᔪᖃᓚᐅᖅᐳᖅ, 109 ᕿᑎᕐᒥᐅᓂ
ᐊᒻᒪ 91 ᑭᕙᓪᓕᕐᒥᐅᓂ.
• ᐊᒃᖤᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᒃᑐᐊᓂᖃᖅᑐᑦ ᐊᖑᓇᓱᒃᑎᓄᑦ ᐱᔭᐅᔪᓐᓇᖅᑐᓄᑦ; ᐅᑭᐅ
ᐊᓂᒍᖅᐸᓪᓕᐊᖅᑎᓪᓗᒍ/ᐅᐱᕐᖔᙳᓵᖅᑎᓪᓗᒍ ᐊᖑᓇᓱᒃᑏᑦ ᓯᑭᑑᒃᑰᖅᖢᑎᒃ ᐅᖓᓯᒃᑐᓕᐊᓲᖑᕗᑦ. ᐊᐅᔭᒃᑯᑦ, ᑎᓴᒪᓖᑦ ᐊᑐᖅᑕᐅᓲᖑᕗᑦ ᓄᓇᓕᖕᓂ ᐊᒻᒪᓗ ᐅᒥᐊᒃᑯᑦ ᐊᖑᓇᓱᒃᐸᒃᖢᑎᒃ ᓱᓪᓗᒃᑰᖅᖢᑎᒃ.
• ᐊᒃᖤᒃᑕᐅᔪᑦ ᑲᑎᑕᐅᓯᒪᕗᑦ ᕿᑎᕐᒥᐅᓂ, ᖁᓪᓗᖅᑐᖅ, ᐃᖃᓗᑑᒃᑎᐊᖅ ᖃᓂᒋᔮᓂ ᐊᒻᒪᓗ ᐊᖅᑯᑎᒋᔭᐅᕙᓚᐅᖅᑐᒥᑦ ᐃᖃᓗᒃᑑᑦᑎᐊᒥᑦ ᕿᖓᐅᒻᒧᑦ. ᐊᕐᕕᐊᑦ ᐊᒻᒪ ᖃᒪᓂ'ᑐᐊᖅ ᑐᓂᓯᔪᑦ ᐅᓄᓛᖑᓚᐅᖅᐳᑦ ᑭᕙᓪᓕᕐᒥᑦ ᐊᖑᔭᐅᔪᓂᑦ.
• 2019 ᐊᒻᒪ 2024 ᐊᑯᓐᓂᖓᓂ, ᐊᖑᔭᐅᔪᑦ ᒪᒃᑯᖕᓂᖅᓴᐅᓚᐅᖅᐳᑦ (ᐃᓐᓇᕈᐊᓂᒃᓯᒪᙱᑦᑐᑦ) ᑭᕙᓪᓕᕐᒥ
ᐃᓐᓇᐃᓪᓗ ᐃᓚᖏᑦ ᐱᔭᐅᔪᑦ 38−ᐳᓴᓐᖑᓪᓗᑎᒃ, ᐃᓐᓇᐃᓪᓗ ᐃᓚᖏᑦ ᕿᑎᕐᒥᐅᓂᑦ ᐊᖑᔭᐅᔪᑦ 56−ᐳᓴᓐᖑᓪᓗᑎᒃ.
• ᐊᑯᓂᐅᔪᒥᑦ ᐅᖃᐅᓯᐅᓯᒪᔪᑦ ᓇᓐᓄᒃᑕᐅᔪᑦ ᖃᓄᐃᑉᐸᓪᓕᐊᓂᖏᑦ ᐊᕐᕌᒍᓂᑦ 15−ᓂᑦ ᑕᑯᒃᓴᐅᑎᑦᑎᕗᑦ
ᕿᑎᕐᒥᐅᓂ, ᓇᓐᓄᒃᑕᐅᔪᑦ ᐅᓄᕐᓂᖏᑦ ᐊᕐᕌᒍᑕᒫ 15−ᓂᑦ ᓇᓐᓄᒃᑐᖃᖃᑦᑕᖅᐳᖅ (4-32 ᐊᑯᓐᓂᖓᓂ), ᐅᓄᓛᖑᓚᐅᖅᖢᑎᒡᓗ 2021-ᒥ (32 ᓇᓄᐃᑦ).
• ᐊᒃᖤᒃᑕᐅᕙᒃᑐᑦ ᑭᕙᓪᓕᕐᒥ ᐅᓄᖅᓯᒋᐊᓚᐅᖅᐳᑦ ᑕᐃᒪᙵᑦ 2008−ᒥᑦ. 2010−ᒥ 2024−ᒧᑦ, ᐊᕙᑎᓂᒃ
ᓇᓐᓄᒐᔪᓚᐅᖅᐳᑦ ᐊᕐᕌᒍᑕᒫᑦ (9−34 ᐊᑯᓐᓂᖓᓂ).
• ᖃᐅᔨᓴᒐᒃᓴᓄᑦ ᐱᓕᕆᐊᖑᔪᖅ ᐃᑲᔪᕐᓂᖃᖅᐳᖅ ᑕᒻᒪᖅᓯᒪᙱᓐᓂᖅᓴᓂᒃ ᐊᖑᔭᐅᔪᑦ ᐅᓂᒃᑲᐅᓯᐅᓗᑎᒃ ᐅᖃᐅᔾᔨᓗᑎᒡᓗ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᖃᓄᐃᓕᐅᕈᑎᓂᑦ.

ᐊᒃᖤᐃᑦ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂᒃ ᖃᐅᔨᓴᕐᓗᑎᒃ

• ᓄᓇᕗᑦ ᒐᕙᒪᒃᑯᑦ ᑲᑐᔾᔨᖃᑎᒌᓚᐅᖅᐳᑦ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂ (IQ)/ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂ
ᖃᐅᔨᓴᕐᓂᖅ ᐊᒃᖤᐃᑦ ᒥᒃᓵᓄᑦ ᑭᕙᓪᓕᕐᒥ. ᖃᐅᔨᓴᖅᑐᑦ ᑐᕌᒐᖃᓚᐅᖅᐳᑦ ᑎᑎᕋᖅᓯᒪᓕᖅᑎᑦᑎᔪᒪᓪᓗᑎᒃ ᓄᓇᓕᖕᓂ ᖃᐅᔨᒪᔭᖏᓐᓂᒃ ᐊᒃᖤᐃᑦ ᐅᓄᕐᓂᕆᔭᖏᓐᓂᒃ, ᓇᓃᑉᐸᖕᓂᖏᓐᓂᒃ ᐆᒪᔪᓪᓗ ᓇᔪᒐᖏᓐᓂᒃ

ᓄᓇᕗᑦ ᒐᕙᒪᖓ RM003-2025 2

ᑐᑭᓯᒋᐊᕈᑎᒃᓴᐃᓪᓗ ᐊᑐᖅᑕᐅᓗᑎᒃ ᐃᑲᔫᑎᐅᓂᐊᖅᑐᒥᒃ ᖃᐅᔨᓴᖅᑐᓕᕆᔨᑦ ᑎᑎᕋᖅᓯᒪᔪᖏᓐᓂ ᑐᓴᐅᒪᑎᑦᑎᓗᑎᒃ ᐊᐅᓚᑦᑎᔾᔪᑕᐅᔪᓂᑦ.

• ᖃᐅᔨᓴᖅᑐᑦ ᐊᑐᓚᐅᖅᐳᑦ ᐋᖅᑭᒃᓱᖅᓯᒪᔪᓂᒃ ᐊᐱᖅᑯᑎᒃᓴᓂᒃ ᐊᒻᒪᓗ ᐱᓕᕆᖃᑎᒌᒃᖢᑎᒃ ᓄᓇᙳᐊᒥᒃ ᐊᑐᖅᖢᑎᒃ
ᐅᓂᒃᑲᐅᓯᖃᖅᖢᑎᒃ ᑎᑭᕌᖅᑕᐅᖃᑦᑕᖅᑐᓂᒃ, ᓇᓚᐅᑦᑖᖅᑕᐅᔪᓂᑦ ᓇᓂᑐᐃᓐᓈᕋᓱᒋᔭᐅᔪᓂᑦ ᐅᓄᕐᓂᖏᓐᓂᓪᓗ, ᐊᒻᒪᓗ ᖃᐅᔨᒪᔭᐅᔪᓂᑦ ᐊᒃᖤᐃᑦ ᓇᔪᒐᖏᓐᓂᒃ ᐃᓄᐃᑦ ᐊᖑᓇᓱᒃᑎᖏᓐᓂᑦ ᐃᓐᓇᕐᓂᓪᓗ.
• ᐃᓚᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᓚᐅᖅᐳᑦ ᐅᓄᖅᓯᕚᓪᓕᕐᓂᖏᓐᓂᒃ ᐊᒃᖤᐃᑦ ᑭᕙᓪᓕᕐᒥᐅᓂ ᑕᐃᒪᙵᓂᑦ 2000 ᓯᕗᓂᐊᓂ, ᑕᑯᔭᐅᒐᔪᓚᐅᙱᖦᖢᑎᒃ 1960 ᑐᖔᓂ ᑕᑯᔭᐅᒐᔪᓕᖅᐸᓪᓕᐊᓪᓗᑎᒡᓗ 1990−ᒥᑦ ᐅᖓᑖᓂᓪᓗ.
• ᑲᑎᒪᖃᑕᐅᔪᑦ ᐅᖃᓚᐅᖅᐳᑦ ᐊᒃᖤᐃᑦ ᑕᐃᔅᓱᒪᓂ ᐅᓄᓗᐊᓚᐅᙱᓐᓂᖏᓐᓂᒃ ᑭᕙᓪᓕᕐᒥ, ᓇᓂᑐᐃᓐᓈᕐᓂᕋᖅᑕᐅᓕᖅᖢᑎᒃ ᐊᒃᓚᐃᑦ ᐅᑎᖅᐸᓪᓕᐊᖏᖔᖅᖢᑎᒃ.
• ᐊᒃᖤᐃᑦ ᓄᓇᖅᐸᓯᒃᑐᒦᓐᓂᖅᓴᐅᓚᐅᖅᐳᑦ, ᑕᑯᔭᐅᒐᔪᒃᖢᑎᒃ ᑕᓯᒃᑰᖅᑐᑦ ᑰᒃᑯᓪᓗ; ᑭᓯᐊᓂ, ᓯᒡᔭᖅᐸᓯᒃᑐᒥ
ᑕᑯᔭᐅᒐᔪᖕᓂᖅᓴᐅᓕᖅᑐᑦ.

• ᐊᒃᖤᐃᑦ ᐊᒥᓲᓂᖏᑦ ᓈᓴᖅᑕᐅᓚᐅᖅᑐᑦ ᑕᒪᐃᓐᓂᑦ ᐊᐱᖅᓱᖅᑕᐅᔪᑦ ᑎᑎᕋᖅᓯᒪᔪᓂᑦ ᐊᐱᖅᓱᖅᑕᐅᔪᓪᓗ
ᑎᑎᕋᖅᓯᒪᔪᑦ ᐅᑯᐊᓗ ᑭᓇᐅᔾᔪᑎᖏᑦ ᖃᐅᔨᓴᒐᒃᓴᐃᑦ (Awan et al. 2019) ᐊᑐᕐᓗᑎᒃ ᓇᓅᑉ ᐅᖁᒪᐃᓐᓂᖓᓂᒃ ᐊᒻᒪ Empirical Bayesian Kriging (2.88-4.07 ᓇᓄᐃᑦ/1000km2

) ᑲᑎᖦᖢᒋᑦ ᐅᓄᕐᓂᖏᑦ 1081-1515
ᓇᓄᐃᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᒥ.

• ᑕᒪᕐᒥᒃ ᓇᓚᐅᑦᑖᖅᑕᐅᔪᑦ 95−ᐳᓴᓐ CI ᐊᔾᔨᒌᙱᓐᓂᖓᓃᑉᐳᑦ Awan et al−ᒧᑦ. (2019) 2.1-6.1
ᓇᓄᐃᑦ/1000km2 ᐊᔾᔨᐸᓗᖏᓪᓗ ᐊᓯᖏᓐᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᖃᑦᑕᖅᓯᒪᔪᓄᑦ ᐊᔾᔨᐸᓗᖏᓐᓂᒃ ᓇᔪᒐᖏᓐᓂᒃ.
• ᐃᓅᖃᑎᒌᓄᑦ−ᐆᒪᔪᓕᕆᓂᕐᒧᑦ ᐃᓗᓕᖓ ᑭᕙᓪᓕᕐᒥ ᐅᖃᐅᓯᐅᓯᒪᙱᑦᑐᖅ ᐊᓯᖏᓐᓄᑦ ᐊᕕᒃᑐᖅᓯᒪᔪᓂᑦ
ᑲᓇᑕᒥ, ᖃᐅᔨᓴᖅᑐᓄᓪᓗ ᐃᓚᐅᖃᑕᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᓪᓗᑎᒃ ᐊᒃᖤᓂᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᑐᐊᒐᑦ ᐱᓕᕆᔾᔪᓯᓪᓗ ᐊᔾᔨᐅᙱᑦᑑᔭᕆᐊᓕᑦ ᐊᕕᒃᑐᖅᓯᒪᔪᑦ ᐋᖅᑭᒃᓯᒪᓂᖓᓄᑦ.
• ᖃᐅᔨᓴᖅᑐᓄᑦ ᐃᓚᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᓚᐅᖅᐳᑦ ᐊᖑᔭᐅᕙᒃᑐᑦ ᑲᔪᓰᓐᓇᕈᓐᓇᕐᓂᖏᓐᓂᒃ, ᐊᑕᖏᖅᖢᑎᒡᓗ
ᓇᓄᐃᑦ ᐅᓄᖅᓯᒋᐊᖅᓯᒪᓕᖅᖢᑎᒃ. ᐃᓚᐅᔪᑦ ᐊᒃᑐᐊᓂᖃᖅᑎᑦᑎᓯᒪᕗᑦ ᐅᓄᖅᓯᕙᓪᓕᐊᓂᖏᓐᓂᒃ ᐃᓄᐃᑦ−ᐆᒪᔪᑦ ᐊᒃᑐᐊᖃᖃᑦᑕᐅᑎᓂᖏᓐᓂᑦ.

ᐊᒪᕈᖅᑕᐅᔪᑦ ᖃᐅᔨᓴᒐᒃᓴᓪᓗ

• ᐱᐅᓯᒋᐊᖅᓯᒪᔪᑦ ᓂᕿᑐᓲᑦ ᐊᐅᓚᑦᑎᔾᔪᑎᖏᑦ ᐱᓕᕆᐊᖑᒐᔪᒃᐳᑦ ᐃᑲᔪᖅᓱᐃᔾᔪᑕᐅᓪᓗᑎᒃ
ᐅᑎᖅᐸᓪᓕᐊᖁᓪᓗᒋᑦ ᐅᓄᕈᓐᓃᖅᐸᓪᓕᐊᔪᑦ ᑐᒃᑐᐃᑦ ᐊᑐᓕᖁᔭᐅᓯᒪᓪᓗᓂᓗ ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᔨᖏᓐᓄᑦ ᑭᖑᓂᑦᑎᓐᓂ ᐃᓱᒪᓕᐅᕈᑕᐅᖃᑦᑕᖅᓯᒪᔪᓂᒃ ᐃᓚᖏᓐᓂᒃ ᑐᒃᑐᓂᒃ (ᓲᕐᓗ ᑐᒃᑑᔮᖅᑑᑉ
ᐃᓅᕕᐅᓪᓗ ᑐᒃᑐᖏᑦ).
• ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᐃᑲᔪᖅᑐᐃᕗᑦ ᓄᓇᕗᒻᒥ ᐊᖑᓇᓱᒃᑎᓂᒃ ᐃᑲᔪᖅᑐᐃᔾᔪᑎᕗᑦ ᐊᖑᓇᓱᒃᑎᓄᑦ ᐱᓕᕆᐊᑎᒍᑦ ᐊᒻᒪ
ᐊᒪᖅᑯᓂᒃ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᑲᑎᖅᓱᐃᓪᓗᑎᒃ.
• ᑖᓐᓇ ᐱᓕᕆᐊᖅ ᐊᑭᓖᔾᔪᑕᐅᓲᖑᕗᖅ ᓄᓇᓕᖕᓂ ᐊᖑᓇᓱᒃᑎᓄᑦ ᐊᒪᖅᑯᓄᑦ ᐊᒻᒪ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ
ᐊᑐᐃᓐᓇᕈᖅᑎᑦᑎᕙᒃᖢᑎᒃ ᓇᓃᒻᒪᖔᑕᓗ ᑎᑎᕋᖅᓯᒪᔪᓂᒃ. ᓴᖅᑭᑕᐅᕐᖓᓚᐅᖅᓯᒪᔪᖅ 2018−ᒥᑦ ᕿᑎᕐᒥᐅᓂᑦ ᐃᓚᒋᐊᖅᑕᐅᓪᓗᓂᓗ ᓄᓇᕗᓕᒫᒥᑦ 2019−ᒥᑦ.
• ᐱᓕᕆᐊᖑᔪᖅ ᐊᖑᓇᓱᒃᑎᓂᑦ $500−ᑖᖅᑎᑦᑎᖃᑦᑕᕐᓂᐊᖅᐳᑦ ᐊᑕᐅᓯᕐᒧᑦ ᐊᒪᖅᑯᒧᑦ ᓄᓇᕘᓕᒫᒥ, ᐊᒻᒪ
$900 ᐊᑕᐅᓯᖅ ᐊᒪᕈᖅ ᐃᓱᒫᓘᑕᐅᓪᓗᐊᑕᖅᑐᓂ, ᓲᕐᓗ ᕿᙵᐅᑦ, ᑐᒃᑑᔮᖅᑑᑉ ᐃᓅᕕᐅᓪᓗ ᑐᒃᑐᖏᑦ.
• 2024-2025−ᒥ ᐊᕐᕌᒍᒋᔭᐅᔪᒥᑦ ᑲᑎᖦᖢᒋᑦ 518,000−ᒥ ᐊᑭᓖᓚᐅᖅᐳᑦ ᐊᒪᖅᑯᓄᑦ ᖃᐅᔨᓴᒐᒃᓴᓂᑦ ᓄᓇᕗᒻᒥ
ᐊᒪᕈᕋᓱᒃᐸᒃᑐᓄᑦ. ᑖᓐᓇ ᑕᑯᑎᑦᑎᕗᖅ 900−ᓂᒃ ᐊᒪᖅᑯᓂᒃ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᑐᓂᓯᔪᖃᓚᐅᕐᓂᖓᓂᒃ, ᑭᒡᒐᖅᑐᐃᓪᓗᓂ ᑕᒪᐃᓐᓂᒃ ᐅᓄᓛᓂᒃ ᐊᒪᖅᑯᓂᒃ ᑐᓐᓂᖅᑯᑕᐅᓯᒪᔪᓂᒃ ᐱᓕᕆᐊᖑᔪᑎᒍᑦ, ᐅᓄᓛᓂᒡᓗ

ᑐᓂᐅᖅᑲᐃᔪᖃᖅᖢᓂ ᐊᖑᓇᓱᒃᑎᓄᑦ ᐊᑕᐅᓯᕐᒥ ᐊᕐᕌᒍᒋᔭᐅᔪᒥ.
• ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᖃᐅᔨᓴᓚᐅᖅᐳᑦ ᐊᒪᖅᑯᑦ ᐱᔭᐅᓯᒪᔪᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ 1,500−ᓂᒃ ᐊᒪᖅᑯᓂᒃ ᑐᖁᑕᐅᔪᓂᒃ
ᐊᖑᓇᓱᒃᑎᓂᑦ ᓄᓇᕗᒻᒥ 2018-19 ᐊᒻᒪ 2020-21 ᐊᑯᓐᓂᖓᓂ.
• 2018-19−ᒥ, 146−ᓂᒃ ᐊᒪᖅᑯᓂᒃ ᐊᖑᓇᓱᒃᐸᒃᑐᑦ ᐅᖃᐅᓯᐅᓚᐅᖅᐳᑦ 52−ᓄᑦ ᐊᖑᓇᓱᒃᑎᓄᑦ ᕿᑎᕐᒥᐅᓂ,
ᐱᓗᐊᖅᑐᒥ ᖁᕐᓗᖅᑐᕐᒥ ᐊᖑᓇᓱᒃᑎᓂᑦ.

ᓄᓇᕗᑦ ᒐᕙᒪᖓ RM003-2025 3

• 2019-20−ᒥ, 658−ᓂᒃ ᐊᒪᖅᑯᓂᒃ ᐊᖑᓇᓱᒃᐸᒃᑐᑦ ᐅᖃᐅᓯᐅᓚᐅᖅᐳᑦ ᓄᓇᕘᓕᒫᒥ, 64−ᐳᓴᖏᑦ ᐊᖑᔭᐅᔪᑦ
ᐊᕐᕕᐊᓂ, ᖃᒪᓂ'ᑐᐊᕐᒥ ᐊᒻᒪ ᖁᕐᓗᖅᑐᕐᒥ ᐊᖑᓇᓱᒃᑎᓂᒃ.
• 2020-21−ᒥ, 699−ᓂᒃ ᐊᒪᕈᖅᑕᐅᔪᓂᑦ ᐅᖃᐅᓯᐅᓚᐅᖅᐳᑦ, 68−ᐳᓴᖏᑦ ᐊᖑᔭᐅᔪᑦ ᐊᕐᕕᐊᓂ,
ᖃᒪᓂ'ᑐᐊᕐᒥ ᐊᒻᒪ ᖁᕐᓗᖅᑐᕐᒥ. ᑕᒪᐃᓐᓂ ᐊᕐᕌᒍᓂ, ᖃᔅᓯᐅᓂᖏᑦ ᐱᕈᕇᖅᓯᒪᙱᑦᑐᑦ ᐊᖑᓇᓱᒃᑕᐅᕙᒃᑐᑦ ᐅᓄᕈᓐᓃᖅᐹᓪᓕᓚᐅᖅᐳᑦ ᖃᑯᒍᙳᖅᑎᓪᓗᒍ ᐊᒻᒪ ᐅᓄᙱᖦᖢᑎᒃ ᐊᖑᓇᓱᒃᑏᑦ ᐃᑲᔪᕐᔪᐊᓚᐅᖅᐳᑦ ᐱᔭᐅᔪᓂᑦ.
• ᐊᔾᔨᒌᙱᒃᑲᓗᐊᖅᑎᓪᓗᒋᑦ ᓄᓇᓕᖕᓂ, ᐊᒪᖅᑯᑦ ᓄᓇᓕᖕᓄᑦ ᖃᓂᓐᓂᖅᓴᐅᓪᓗᑎᒃ ᓇᓐᓄᒃᑕᐅᖃᑦᑕᓚᐅᖅᐳᑦ
ᖁᕕᐊᓱᒡᕕᐅᑉ ᑐᖔᓂ (75 ᑭᓚᒦᑕᓂᒃ ᐅᖓᓯᒃᑎᒋᓪᓗᑎᒃ) ᐊᒻᒪ ᓄᓇᓕᖕᓂ ᐅᖓᓯᒌᒃᑎᒋᓪᓗᑎᒃ ᐅᑭᐅᒃᑯᑦ, ᐅᖓᓯᓛᖑᓪᓗᑎᒃ ᐊᐃᕐᕆᓕᒥ ᐊᒻᒪ ᒪᐃᒥ (500 ᑭᓚᒦᑕᓄᑦ ᑎᑭᓪᓗᒍ).
• ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᖃᐅᔨᓴᖅᐸᓪᓕᐊᖏᓐᓇᖅᐳᑦ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᑐᓐᓂᖅᑯᑕᐅᔪᓂᒃ ᑐᓴᖅᑎᑦᑎᒃᑲᓐᓂᓛᖅᖢᑎᒡᓗ
ᐊᐅᓚᑦᑎᔨᐅᖃᑎᒌᓄᑦ ᑭᖑᓪᓕᖅᐹᒥ ᐅᓂᒃᑳᑦ ᐊᑐᐃᓐᓇᐅᓕᖅᐸᑕ.

ᐊᒪᕈᖅᑕᐅᔪᑦ ᖃᐅᔨᓴᒐᒃᓴᓪᓗ

• ᓄᓇᕗᒻᒥ ᖃᕝᕕᒑᕐᔪᐃᑦ (ᖃᕝᕕᒃ) ᐃᓂᖃᕐᓗᑎᒃ ᑕᒪᐃᓐᓂᑲᓴᒃ ᐊᕙᑎᖏᓐᓂ ᓄᓇᕗᒻᒥ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓪᓗᑎᒡᓗ
ᑕᒪᐃᓐᓄᑦ ᐊᒥᕐᓄᑦ ᐊᒻᒪ ᐊᖏᔪᓄᑦ ᓂᕐᔪᑎᓄᑦ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᖓᓂ. ᑖᒃᑯᐊ ᐱᒻᒪᕆᐅᓪᓗᑎᒃ ᒥᖅᑯᓖᑦ ᓄᓇᕗᒻᒥ ᐃᓕᖅᑯᓯᖏᓐᓂ ᑮᓇᐅᔭᓕᐅᕈᑎᒃᓴᖏᓐᓂᓪᓗ.
• ᖃᕝᕕᒑᕐᔪᐃᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᖕᒥᔪᑦ ᐃᓱᒫᓘᑕᐅᓂᖏᓐᓂᒃ ᑲᓇᑕᒥ ᐆᒪᔪᑦ ᐊᑦᑕᕐᓇᖅᑐᒦᑦᑐᑦ ᐱᖁᔭᖓᓂ
(SARA).
• ᑭᖑᓂᑦᑎᓐᓂ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᖅᑐᓂᑦ ᓇᓚᐅᑦᑖᖅᑕᐅᔪᑦ ᐅᓄᕐᓂᖏᑦ 1.6−ᓂᑦ 4.4−ᓄᑦ ᖃᕝᕕᒑᕐᔪᐃᑦ/1,000 km² ᑭᕙᓪᓕᕐᒥᐅᓂ ᐊᒻᒪᓗ 4.14 ᖃᕝᕕᒑᕐᔪᐃᑦ/1,000 km2 ᓇᐸᕐᑐᓕᒃ ᑕᓯᖓᓂ
ᕿᑎᕐᒥᐅᓂ.
• ᓄᓇᕗᑦ ᒐᕙᒪᒃᑯᑦ ᑲᑎᖅᓱᐃᓲᖑᕗᑦ ᖃᕝᕕᒑᕐᔪᐃᑦ ᓂᐊᖁᖏᓐᓂᒃ ᐊᒻᒪ ᑐᖁᑕᐅᔫᑉ ᒥᒃᓵᓄᑦ ᑎᑎᕋᖅᓯᒪᔪᒥᑦ
ᐊᖑᔭᐅᔪᑦ ᓇᓚᐅᑦᑖᖅᑕᐅᓪᓗᑎᒃ ᐊᒻᒪ ᖃᐅᔨᓴᕐᓗᒋᑦ ᐅᑭᐅᖏᑦ ᐊᒻᒪ ᑭᓲᓂᖏᑦ ᐊᖑᔭᐅᔪᑦ.
• ᐊᖑᓇᓱᒃᑏᑦ ᑐᓂᓯᓚᐅᖅᓯᒪᔪᑦ ᓂᐊᖁᖏᑕ ᓴᐅᓂᖏᓐᓂᒃ ᑐᖁᑕᐅᔪᓪᓗ ᒥᒃᓵᓄᑦ ᑎᑎᕋᖅᓯᒪᔪᓂᑦ 691−ᓂᒃ
ᖃᕝᕕᒃᑕᐅᔪᓂᒃ 2018-2019 ᐊᒻᒪ 2023-2024 ᐊᑯᓐᓂᖓᓂ.

• ᐅᓄᕐᓂᖅᓴᐃᑦ ᖃᕝᕕᒃᑕᐅᔪᑦ ᕿᑎᕐᒥᐅᓂᒃ ᐊᖑᔭᐅᓚᐅᖅᓯᒪᔪᑦ, ᖁᕐᓗᖅᑑᑉ ᖃᓂᒋᔮᓂᐸᓗᒃ, ᐅᓄᙱᓐᓂᖅᓴᐃᑦ
ᐊᖑᔭᐅᓂᑰᓪᓗᑎᒃ ᑲᓇᖕᓇᖅᐸᓯᖕᒥ.
• ᐊᕐᕕᐊᑦ ᐊᒻᒪ ᖃᒪᓂ'ᑐᐊᖅ ᐊᖑᔭᖏᑦ ᐅᓄᓛᖑᖃᑕᐅᓚᐅᖅᑐᑦ ᓇᐃᓴᖅᑕᐅᔪᓂ.
• ᐊᖑᔭᐅᔪᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ ᑕᑯᑎᑦᑎᔪᑦ 84−ᐳᓴᓐ ᖃᕝᕕᒃᑕᐅᓚᐅᖅᑐᑦ ᖁᑭᐅᑎᒧᑦ, 16−ᐳᓴᖏᓪᓕ ᒥᑭᒋᐊᕐᓄᑦ/ᑮᔭᖃᑦᑕᓄᑦ ᐱᔭᐅᓪᓗᑎᒃ.
• ᖃᕝᕕᒃᑕᐅᔪᑦ ᐊᖑᓴᓪᓘᓪᓗᑎᒃ ᒪᕐᕈᐃᖅᓱᓪᓗᐊᖅᖢᓂ ᐊᖑᓴᓪᓗᐃᑦ ᐊᖑᔭᐅᔪᑦ ᐅᓄᕐᓂᖅᓴᐅᓪᓗᑎᒃ ᐊᕐᓇᓪᓗᖕᓂᑦ
ᐱᕈᕇᖅᓯᒪᙱᑦᑐᓄᑦ ᐊᑎᖅᑕᓄᓪᓗ ᐊᖑᔭᐅᓪᓗᑎᒃ (63 ᐳᓴᓐ ᐊᖑᔭᐅᔪᓕᒫᓂᑦ.
• ᐊᖑᔭᐅᔪᑦ ᐃᓐᓇᕈᓕᓵᕐᓂᖅᓴᑦ ᐱᔭᐅᖃᑦᑕᓚᐅᖅᖢᑎᒃ ᐅᑭᐅᙳᓕᓵᖅᑎᓪᓗᒍ, ᐃᓐᓇᕈᖅᓯᒪᔪᓂᓪᓗ ᐊᖑᔭᐅᔪᑦ
ᐅᓄᖅᓯᒋᐊᖅᖢᑎᒃ ᐅᑭᐅᖑᑎᓪᓗᒍ.
• ᓇᓂᑐᐃᓐᓈᕐᓂᖏᑦ, ᐅᑭᐅᖏᑦ, ᐊᕐᓇᖅ/ᐊᖑᓴᓪᓗᖅ ᐱᔭᐅᔪᑦ ᖃᓄᐃᙱᒐᔪᓚᐅᖅᑐᑦ.
• ᑭᓯᐊᓂ, ᐅᓄᙱᓗᐊᖅᖢᑎᒃ ᐊᕐᓇᓪᓗᐃᑦ ᐊᖑᔭᐅᔪᓂᑦ ᐅᔾᔨᕆᔭᐅᔭᕆᐊᓕᒃ ᖃᐅᔨᓴᖅᑕᐅᖏᓐᓇᕐᓂᐊᖅᖢᓂᓗ.