ᓇᓄᖃᕐᕖᑦ ᐊᒦᓱᖏ

±2 SE
ᐅᕙᓗᓐᓂᑦ
95%
ᐳᓴᓐᑎ CI

ᐊᕐᕋᒍᐃᑦ
ᐊᒥᓱᓂᖏᑦ
ᓇᓚᐅᑖᖅᑕᐃ

ᑦ

ᐊᑐᓚᐅᖅ
ᑕᖏᑦ

ᖃᓄᐃᓕᖓ
ᕙᓚᐅᕐᓂᖏ

ᑦ

ᓄᓇᓕᖕᓄᑦ
ᐊᒻᒪᓗ/ᐅᕝᕙᓗᓐᓂᑦ
ᖃᐅᔨᒪᔭᐅᔪᑐᖃᐃᑦ
ᒪᓕᒃᑕᐅᓗᑎᒃ

ᒫᓇᓵᖅ
ᖃᓄᐃᓕᖓᓕ
ᕐᓂᖏᑦ

ᓯᕗᓂᒃᓴᒥ
ᖃᓄᐃᓕᖓᓂᐊᕐ
ᓂᖏᑦ

ᑕᐃᒪᖓᑦ ᐊᕐᕋᒍᑕᒫᖅ
ᐱᕝᕕᐅᓯᒪᓂᖏᑦ
(ᑕᓪᓕᒪᐃᑦ 5 ᐊᕐᕋᒍᐃᑦ
ᓈᓂᑕᒫᖅ)

ᑕᐃᒪᖓᑦ ᐊᕐᕋᒍᑕᒫᖅ
ᐱᕝᕕᐅᓯᒪᓂᖏᑦ
(ᐱᖓᓱᑦ 3 ᐊᕐᕋᒍᐃᑦ
ᓈᓂᑕᒫᖅ)

ᑕᐃᒪᖓᑦ ᐊᕐᕋᒍᑕᒫᖅ
ᐱᕝᕕᐅᓯᒪᓂᖏᑦ
(ᐊᕐᕋᓂᓂᓴᕐᓂᒃ)

ᐊᒥᓲᓂᖅᐹᕆᔭᐅᔪᒥᓇᖅᑐᑦ
ᓇᓐᓄᒡᕕᐅᓚᐅᖅᑐᑦ
(ᐊᕐᕋᓂᓂᓴᕐᓂᒃ) ᐅᖃᐅᓯᒃᓴᐃᑦ/ᐅᓗᕆᐊᓇᕈᓐᓇᕐᓂᖏᑦ]/ᓇᔪᖅᐸᒃᑕᖏᑦ

ᒐᕙᒪᖃᕐᕕᐅᓂᖏᑦ/ᐊ
ᐅᓚᑦᑎᕕᐅᓂᖏᑦ ᓇᓄᖃᕐᕕᐅᓂᖏᑦ

ᓴᓂᕈᑎᐅᑉ ᑕᕆᐅᖓᓂ 2,074

1542-

2606 1997 1 M\R

ᐊᒥᓱᔫᓐᓃᖅ
ᑐᔭᖅᑐᑦ ᖃᓄᐃᖏᑦᑐᑦ 2

ᐊᒥᓲᔪᓐᓃᖅ
ᐸᓕᐊᔪᑦ 3 ᓇᓗᓇᖅᑐᑦ 4

141 137 137

133
(ᓄᓇᕗᑦ:65+ᐊᑯᑭᑦᑐᐃᑦ:68)

ᒫᓐᓇᐅᓕᖅᑐᖅ ᖃᐅᔨᓴᖅᑕᐅᒃᑲᓐᓂᖅᑐᑦ, ᐊᒥᓲᓂᖅᐸᑦ
ᓇᓐᓄᒡᕕᐅᓯᒪᔪᑦ, ᓯᑯ ᑕᕆᐅᕐᒥ ᒥᑭᒡᓕᕙᓪᓕᐊᓂᖅ, ᓄᓇᕗᑦ, ᐊᑯᑭᑦᑐᐃᑦ ᓴᓂᕈᑎᐅᑉ ᑕᕆᐅᖓᓂ

ᕿᑭᖅᑕᓘᑉ ᐃᑭᖓᓂ 2,158

1833-

2542 2007 5 M\R

ᐊᒥᓱᕈᖅᓯᒪ
ᔪᔮᖅᑐᑦ

ᐊᒥᓱᕈᕆᐊᖅᓯᒪᔪᑦ

6

ᐊᒥᓱᕈᕆᐊᖅ
ᓯᒪᔪᔮᖅᑐᑦ 7

ᐊᒥᓲᔪᓐᓃᖅᐸᓕ
ᐊᔪᔮᖅᑐᑦ 8

104 118 126

ᑯᐸᐃᒃ + 75
(ᓄᓇᕗᑦ:61+ᓂᐅᕙᓐᓛᓐ:12+ᐊ
ᑯᑭᑦᑐᐃᑦ:2)

ᒪᓕᒃᑐᑦ 2007−ᒥ ᓯᑯᓕᕆᓂᕐᒥᒃ ᖃᐅᔨᔭᐅᓚᐅᖅᑐᓂᒃ,
ᐊᒥᓲᓂᒃ ᓇᓐᓄᒃᕕᐅᓯᒪᔪᑦ ; ᓯᑯᖃᕈᓐᓃᖅᐸᓪᓕᐊᔪᖅ
ᑕᕆᐅᕐᒥ;

ᓄᓇᕗᑦ, ᑯᐸᐃᒃ,
ᓂᐅᕙᓐᓛᓐ, ᐊᒻᒪ
ᓚᐸᑐᐊᕆ, ᐊᑯᑭᑦᑐᐃᑦ ᕿᑭᖅᑕᓘᑉ ᐃᑭᖓᓂ

ᓴᓂᕋᔭᐅᑉ ᓯᑯᓯᓚᕐᒥᐅᑦ ᑕᕆᐅᖓ2,580

2093-

3180 2009-10 9

A

ᖃᓄᐃᖏᑦ
ᑐᑦ

ᐊᒥᓱᕈᕆᐊᖅᓯᒪᔪᑦ

10

ᖃᓄᐃᖏᑦᑐᑦ

11

ᖃᓄᐃᑦᑐᔮᖐᑦ
ᑐᑦ 12 106 104 93 ᑯᐸᐃᒃ+ 94

ᐊᑯᓂᐅᓂᐊᖅᑐᒧᑦ ᓯᑯᐃᔭᖅᐸᓕᐊᓂᖅ ᑕᕆᐅᕐᒥ; ᐅᒥᐊᕐᔪᐊᑦ
ᐊᒥᓱᕈᕆᐊᕈᓐᓇᕐᓂᖏᑦ ᐅᔭᕋᖕᓂᐊᕐᓂᕐᒧᑦ ᐊᓯᖏᓐᓄᓗ

ᓄᓇᕗᑦ ᐊᒻᒪᓗ ᑯᐸᐃᒃ
,ᓄᓇᕗᑦ,

ᓴᓂᕋᔭᐅᑉ ᓯᑯᓯᓚᕐᒥᐅᑦ
ᑕᕆᐅᖓ

ᐃᑭᕋᓴᐅᑉ ᐃᒪᖓᓂ 1,592 870-2314 2000 13 M\R

ᖃᓄᐃᖏᑐ
ᔮᖅᑐᑦ

ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᑦ

14

ᖃᓄᐃᑦᑑᔭ
ᖏᑦᑐᑦ 15

ᖃᓄᐃᑐᔮᖏᑦᑐ
ᑦ 16 58 63 52 66

ᒫᓐᓇᐅᓕᖅᑐᖅ ᐊᒻᒪᓗ ᓯᕗᓂᒃᓴᐅᓂᐊᖅᑐᒥ
ᐊᓯᔾᔨᖅᑕᐅᓂᐊᖅᑐᔮᖅᑐᑦ ᐆᒪᔪᖃᕐᓂᖏᑦ ᐊᒻᒪᓗ
ᓇᔪᖅᐸᒃᑕᖏᑦ. ᓇᓄᖃᕐᕕᐅᓂᖏᑦ ᑕᒫᓂ ᐊᒥᓱᕗᑦ ᐊᒻᒪᓗ
ᓇᓐᓄᒃᑕᐅᒐᔪᐃᓐᓂᖅᓴᐅᓪᓗᑎᒃ. ᓄᓇᕗᑦ ᐃᑭᕋᓴᐅᑉ ᐃᒪᖓᓂ

ᐱᕐᓕᕋᕐᕕᒡᔪᐊᖅ 164 94-234 1997 17 M\R

ᐊᒥᓲᔪᓐᓃᖅ
ᓯᔪᔮᖅᑐᑦ

ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᑦ

18

ᓇᓗᓇᖅᑐᑦ

19 ᓇᓗᓇᖅᑐᑦ 20 13 12 5 11 (ᓄᓇᕗᑦ:5+ᐊᑯᑭᑦᑐᐃᑦ6)

ᒫᓐᓇᐅᔪᖅ ᖃᐅᔨᓴᖅᑕᐅᒃᑲᓐᓂᓕᕐᒥᔪᑦ,
ᐊᒥᓲᖏᓐᓂᖅᓴᐅᓕᖅᑐᒃᓴᐅᔪᑦ ᐊᑕᔪᑦ ᑕᐃᒃᑯᓄᖓ
ᓴᓐᓂᕈᑎᐅᑉ ᐃᒪᖓᓄᑦ, ᐊᒥᓲᖏᒻᒪᑕ , ᓯᑯᐃᔭᖅᐸᓪᓕᐊᔪᖅ
ᑕᕆᐅᖓ; ᓄᓇᕗᑦ, ᐊᑯᑭᑦᑐᐃᑦ ᐱᕐᓕᕋᕐᕕᒡᔪᐊᖅ

ᑕᓪᓗᕈᑎᐅᑉ ᐃᑭᕋᓴᖓ 2,541

1759-

3323 1995-7 21 M\R

ᖃᓄᐃᖏᑦ
ᑐᔮᖅᑐᑦ

ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᑦ

22

ᓇᓗᓇᖅᑐᑦ

23 ᓇᓗᓇᖅᑐᑦ 24 85 90 85 85

ᖃᖔᓗᓂᒃ ᐊᕐᓇᓪᓗᕐᓂᒃ ᐊᖑᓴᓪᓗᕐᓂᒡᓗ ᓇᓄᒃᐸᒃᓯᒪᔪᑦ,
ᓇᔪᖅᑕᐅᕙᖕᓂᖏᑦ ᑲᑕᒃᓯᒪᓕᖅᑐᑦ ᐊᒥᓲᓂᖏᓐᓂᒃ, ᓄᓇᕗᑦ ᑕᓪᓗᕈᑎᐅᑉ ᐃᑭᕋᓴᖓ

ᖃᒡᒋᐅᔭᐅᑉ ᑕᕆᐅᖓ 284 166-402 2000 25 M\R

ᐊᒥᓲᔪᓐᓃᖅ
ᓯᔪᔮᖅᑐᑦ ᖃᓄᐃᖏᑦᑐᑦ 26

ᐊᒥᓱᕈᕆᐊᖅ

ᓯᒪᔪᔮᖅᑐᑦ 27 ᓇᓗᓇᖅᑐᑦ 28 3 3 3 3

ᐊᒥᓲᓂᖅᓴᐅᓕᕐᓂᖏᑦ
ᐅᖅᓱᐊᓗᖕᓂᐊᖅᑐᑦ/ᒐᓴᓖᒃᓴᖅᓯᐅᕈᒪᔪᓪᓗ; ᓯᑯᑐᖄᐃᑦ
ᓄᖑᐸᓪᓕᐊᓂᖏᑦ; ᖃᐅᔨᓴᖅᑕᐅᑦᑎᐊᒃᑲᓐᓂᓕᖅᑐᑦ ᓄᓇᕗᑦ

ᖃᒡᒋᐅᔭᐅᑉ ᑕᕆᐅᖓ

ᐅᐊᖕᓇᖓ ᑐᒃᑐᔮᖅᑑᑦ
ᑕᕆᐅᖓᑕ 1291* n/a 2006 29 M\R

ᖃᓄᐃᖏᑦ
ᑐᔮᖅᑐᑦ ᖃᓄᐃᖏᑦᑐᑦ 30

ᖃᓄᐃᖏᑦᑐᑦ

31

ᖃᓄᐃᑦᑑᔮᖏᑦ
ᑐᑦ 32 39 45 40

77 (ᓄᓇᕗᑦ:6 +
ᓄᓇᑦᓯᐊᖅ:71)

ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᕙᓪᓕᐊᔪᑦ;
ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᑦ ᐅᖅᓱᐊᓗᖕᓂᐊᖅᑏᓪᓗ ᒐᓴᓖᒃᓴᖅᓯᐅᖅᑐᓪᓗ;
ᓯᑯᖓ ᑕᕆᐅᕐᒥ ᒥᑭᒡᓕᕙᓪᓕᐊᓂᖓ ᒫᓐᓇᐅᔪᖅ ᓄᓇᕗᒻᒥ, ᓄᓇᑦᓯᐊᕐᒥ

ᐅᐊᖕᓇᖓ ᑐᒃᑐᔮᖅᑑᑦ
ᑕᕆᐅᖓᑕ
ᐊᐅᓱᐃᑦᑑᑦ

ᐃᑎᕕᐊᖓᑕ 203 115-291 1997 33 M\R ᓇᓗᓇᖅᑐᑦ ᖃᓄᐃᖏᑦᑐᑦ 34

ᓇᓗᓇᖅᑐᑦ

35

ᓇᓗᓇᐃᖅᑐᑦ

36 2 2 3 4 ᐊᒥᓲᖏᑦᑐᑦ, ᐃᖕᒥᒎᖅᑐᑦ ᓇᓄᖃᕐᓂᖏᑦ ᑕᒫᓂ ᓄᓇᕗᑦ

ᐊᐅᓱᐃᑦᑑᑦ ᐃᑎᕕᐊᖓᑕ
ᑕᕆᐅᖓᓂ

ᓂᒋᐊᓂ ᑐᒃᑐᔮᖅᑑᑉ
ᑕᕆᐅᖓᑕ 1215* n/a 2006 37 M\R ᓇᓗᓇᖅᑐᑦ ᖃᓄᐃᖏᑐᑦ 38

ᐊᒥᓱᔫᓐᓃᖅ
ᑐᔭᖅᑐᑦ 39

ᐊᒥᓲᔪᓐᓂᖅᑐᔮ
ᖅᑐᑦ 40 41 42 23

56 (ᐊᒥᐊᓕᑲᐃᑦ:35 +
ᓄᓇᑦᓯᐊᖅ:21)

Bromaghin Bᐅᕉᒪᒋᓐ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2015−ᒥ
ᕿᒥᕐᕈᐊᖅᑕᐅᓚᐅᖅᑐᑦ ᓇᓄᐃᑦ ᐱᓕᕆᐊᖑᓂᖏᓐᓄᑦ

ᑲᑎᒪᔨᕋᓛᓄᑦ; ᐊᕐᕋᒍᑕᒫᖅ ᐊᓯᔾᔨᖃᑕᕐᓂᖏᑦ ᓯᑯᐃᑦ ᐊᓯᔾᔨᕈᑕᐅᓲᑦ
ᓯᑯᑕᖃᖅᑎᒋᓂᖏᓐᓂ; ᓇᓄᐃᑦ ᐊᓯᐊᓄᐊᖅᐸᓪᓕᐊᕙᓕᖅᑐᑦ
ᐅᐊᖕᓇᖓᓄ ᑐᒃᑐᔭᖅᑑᑦ ᑕᕆᐅᖓᓄᑦ; ᓯᑯᐃᑦ ᐊᓯᔾᔨᖅᓯᒪᓂᖏᓐᓄᑦ;
ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᔪᑦ

ᐊᒥᐊᓕᑲᒥᐅᑦ,
ᔪᑳᓐᒥᐅᑦ,

ᓄᓇᑦᓯᐊᕐᒥᐅᓗ

ᓂᒋᐊᓂ ᑐᒃᑐᔮᖅᑑᑉ
ᑕᕆᐅᖓᑕ

ᓂᒋᐊᓂ ᕼᐊᑦᓴᓐᐲᑉ
ᑕᓯᐅᔭᕐᔪᐊᖓᓂ 951 662-1366 2012 41 A

ᖃᓄᐃᖏᑦ
ᑐᑦ

ᖃᓄᐃᖏᑦᑐᑦ
ᔭᐃᒥᓯᐸᐃᒥ;
ᐊᒥᓱᕈᖅᓯᒪᔪᑦ
ᕼᐊᑦᓴᓐᐱᑉ

ᑲᓇᖕᓇᖓᓂ 42

ᖃᓄᐃᖏᑦᑐᑦ
43 ᓇᓗᓇᖅᑐᑦ44 62 49 38

60 (ᓄᓇᕗᑦ:25 + ᑯᐸᐃᒃ:30
+ ᐋᓐᑎᐅᕆᔫ:5)

ᓇᓗᓇᖅᑐᑦ ᐊᔾᔨᒌᖏᓗᐊᖅᑐᓂᒃ ᓴᕿᑎᑦᑎᓯᒪᓂᖏᓐᓄᑦ
ᐊᔾᔨᒌᖏᑦᑐᓂᒃ; ᐊᖏᔪᒥᒃ ᑎᒥᑯᑦ ᐊᓯᖅᓯᒪᓕᖅᑐᑦ ᑕᒫᓂ,
ᐊᒥᓲᓐᓃᖅᓯᒪᓂᖏᑦ ᐆᒪᐃᓐᓇᕈᓐᓇᕐᓂᖏᑦ ᑭᓯᐊᓂ ᓱᓕ
ᐊᒥᓲᑎᒋᓂᖏᓐᓂᒃ ᐊᓯᔾᔨᖅᓯᒪᖏᑦᑐᑦ, ᐱᐅᓯᑐᖃᕐᓂᒃ ᐃᓄᐃᑦ
ᖃᐅᔨᒪᔭᖏᓐᓂᒃ ᐅᑭᐅᒃᑯᑦ ᑎᒥᖁᖏᑦ ᖃᓄᐃᑉᐸᖕᓂᖏᑦ ᓱᓕ
ᐊᓯᔾᔨᖅᓯᒪᖏᑦᑐᑦ , ᐃᓄᐃᑦ ᖃᐅᔨᒪᑐᖃᖏᓐᓂᒃ
ᓇᓗᓇᖅᑐᔮᕈᓐᓃᖅᑐᑦ ᕿᑐᖏᐅᖅᐸᓪᓕᐊᓂᖅᓴᐅᓕᕐᓂᖏᓐᓂᒃ,

ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂᒃ ᖃᐅᔨᓴᖅᑎᓂᒡᓗ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᑐᑦ
ᑕᕆᐅᕐᒥ ᓯᑯ, ᑐᕙᐃᖓᕙᖕᓂᖏᑦ ᐊᑯᓂᐅᓂᖅᓴᐅᕙᓕᖅᑐᑦ

ᓄᓇᕗᑦ, ᑯᐸᐃᒃ,
ᐋᓐᑎᐅᕆᔫ

ᓂᒋᐊᓂ ᕼᐊᑦᓴᓐᐲᑉ
ᑕᓯᐅᔭᕐᔪᐊᖓᓂ

ᐅᖅᓱᕆᐊᑉ ᐃᒪᖓ 161 93-229 1992 45 M\R

ᐊᒥᓲᔪᓂᖅ

ᑐᔮᖅᑐᑦ ᐊᒥᓱᕈᖅᓯᒪᔪᑦ 46 ᖃᓄᐃᑦᑐᔮᖐᑦ ᓇᓗᓇᖅᑐᑦ 48 5 6 6 7 ᒫᓐᓇᐅᓕᖅᑐᖅ ᖃᐅᔨᓴᖅᑕᐅᑎᒃᑲᓐᓂᓕᖅᑐᑦ ᓄᓇᕗᑦ, ᓄᓇᑦᓱᐊᖅ ᐅᖅᓱᕆᐊᑉ ᐃᒪᖓ

ᐱᖓᖕᓇᖅᐸᓯᐊ
ᕼᐊᑦᓴᓐᐲᑉ
ᑕᓯᐅᔭᕐᔪᐊᖓ 1030 754-1406 2011 49 A

ᐊᒥᓱᔫᓐᓃᖅ
ᑐᔭᖅᑐᑦ ᐊᒥᓱᕈᖅᓯᒪᔪᑦ 50

ᖃᓄᐃᑦᑐᔮ
ᖐᑦᑐᑦ 51

ᐊᒥᓲᔪᓐᓃᖅᑐᔮ
ᖅᑐᑦ 52 23 27 29 24 + ᒫᓂᑑᐸ

ᓯᑯᐃᔭᖅᐸᓪᓕᐊᔪᖅ; ᓇᓄᒡᕕᐅᕙᒃᑐᖅ; ᐱᐅᔪᓃᖅᓯᒪᓂᖏᑦ ᑎᒥᑯᑦ
ᐊᒻᒪᓗ ᕿᑐᖏᐅᕋᔪᐃᓐᓂᖅᓴᐅᓕᖅᑐᑦ ᓴᓂᐊᓂ ᐊᑭᐊᓃᑦᑐᓂᒃ
ᓇᓄᕐᓂᒃ ᑕᐅᕙᓂ ᓴᓂᕋᔭᐅᑉ ᓯᑯᓯᓚᕐᒥᐅᑦ ᑕᕆᐅᖓᓃᑦᑐᓂᒃ

ᓇᓐᓄᒃᑕᐅᕙᒃᑐᓂᒃ ᐊᒻᒪᓗ ᕼᐊᑦᓴᓐᐲᑉ ᓂᒋᐊᓂᒃ ᓇᓄᖃᕐᕕᐅᔪᓂᒃ;
ᑕᐃᒪᖓᑦ ᐊᒥᓲᔪᓐᓃᖅᐸᓪᓕᐊᓯᒪᔪᑦ 1980 ᐃᓱᖅᐸᓯᐊᓂ ᐊᕐᕋᒍᓂ
ᑎᑭᓪᓗᒋᑦ 1990−ᖏᓐᓄᑦ, ᐆᒪᔪᓐᓇᑦᑎᐊᖃᑦᑕᖏᓐᓂᖏᓐᓄᑦ
ᓯᑯᐃᔭᖅᐸᓪᓕᐊᓯᒪᓂᕐᒧᑦ; ᒫᓐᓇᓵᖅ ᖃᐅᔨᓴᖅᑕᐅᒐᒥᒃ
ᖃᓄᐃᑐᔮᕈᓃᓚᐅᖅᑐᑦ ᓇᓄᖃᕐᕕᐅᓂᖏᓐᓂ ᐊᕐᕋᒍᓂᒃ 2001-
2010-ᒧᑦ, ᑕᐃᑲᓂ ᓯᑯᐊ ᑕᕆᐅᑉ ᐊᓯᔾᔨᖅᓯᒪᓗᐊᓚᐅᖏᓐᓂᖓᓄᑦ

ᓯᑯᕙᓪᓕᐊᓕᖅᑎᓪᓗᒍ ᑐᕙᐃᔭᖅᐸᓪᓕᐊᓕᖅᑎᓪᓗᒍᓗᓐᓃᑦ; ᐊᑕᔪᑦ ᒫᓂᑑᐸᒥ, ᓄᓇᕗᑦ

ᐱᖓᖕᓇᖓᓂ ᕼᐊᑦᓴᓐᐲᑉ
ᑕᓯᐅᔭᕐᔪᐊᖓᓂ

ᖃᐅᔨᒪᔭᐅᔭᕆᐊᓖᑦ

M/R - ᑎᒥᐊᒍᑦ ᓇᐅᒃᑯᑦᑎᖅᑕᐅᓯᒪᓪᓗᑎᒃ ᐱᑕᖅᑕᐅᑲᓐᓂᖃᑕᕐᓂᖏᑦ ᖃᐅᔨᓴᖅᑕᐅᓪᓗᑎᒃ
A - ᖃᖓᑕᔫᒃᑯᑦ
n/a − ᐊᑐᖏᑦᑐᑦ
*ᐋᕿᒋᐊᖅᑕᐅᓯᒪᔪᑦ NB−ᑯᓪᓗ ᐅᐊᖕᓇᖓᓄᑦ ᑐᒃᑐᔭᖅᑑᑉ SB−ᒧᓪᓗ ᓂᐱᐊᓄᓪᓗ ᑐᒃᑐᔭᖅᑑᑉ ᑕᕆᐅᖏᓐᓂ ᑕᐃᒪᐃᓕᖓᓕᖅᑐᑦ ᐊᐅᓚᑕᐅᓂᖏᑦ ᑭᒡᓕᕆᔭᐅᓂᖏᑦ ᐊᓯᔾᔨᖅᑕᐅᓚᐅᕐᒪᑕ. ᒪᓕᓕᖅᑐᑦ USGS−ᑯᓐᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᖅᑐᓂᒃ

1. Taylor ᑕᐃᓚᒃᑯᑦ ᐃᓚᖏᓪᓗ 2005
2. Dowsley ᑕᐅᔅᓕ 2005a; Dowsley ᑕᐅᔅᓕ 2005b; Dowsley ᑕᐅᔅᓕ 2007; Dowsley ᑕᐅᔅᓕ ᐊᒻᒪᓗ Taylor ᑕᐃᓚ 2006; ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᐃᓄᓕᒪᓂᒃ ᓈᓚᒋᐊᖅᑐᕐᕕᖃᕐᓂᖏᓐᓂ ᑲᑎᒪᔾᔪᑎᕕᓂᖏᑦ ᐊᒻᒪᓗ
ᐅᖃᐅᓯᒃᓴᕆᔭᐅᓚᐅᖅᑐᑦ ᐄᐳ 2008−ᒥ ᐅᖃᐅᓯᒃᓴᖃᕐᕕᐅᑎᑕᐅᓂᖏᓐᓂ, ᓯᑎᐱᕆ 2009;
3. ᑕᒪᕐᒥᒃ ᑲᑎᑕᐅᓪᓗᑎᒃ ᓇᓐᓄᒃᑕᐅᓯᒪᔪᑦ ᐃᓱᒪᒋᔭᐅᔪᑦ ᐊᒥᐊᒃᑯᖃᑦᑎᐊᓚᖓᓐᖏᓂᖅ: Taylor ᑕᐃᓚᒃᑯᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ 2005 ᐊᒻᒪᓗ ᐆᒃᑐᕋᖅᑕᐅᓯᒪᓂᖏᓐᓂᒃ PBSG −ᑯᓐᓄᑦ 14−ᓗ 15−ᒥᓗ ᑲᑎᒻᒪᐅᑕᐅᓂᖏᓐᓂ ᐃᓱᒪᓇᖅᑐᑦ ᐱᑕᖃᕐᓂᖏᓐᓂᒃ 1,546−ᖑᔪᑦ 2004−ᒥ
4. ᐆᒪᓂᖏᑦ ᑕᐃᒃᑯᓇᖓᑦ Riskman ᕆᔅᒃᒪᓐᒥᒃ ᓇᓄᐃᑦ ᐆᒪᔪᓇᖅᑎᒋᓂᖏᑦ 18-ᓂᒃ ᐊᕐᕋᒍᖃᖅᐳᑦ; ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᑦ ᐅᖃᖅᓯᒪᔪᑦ ᐊᒥᓲᓂᖏᑦ ᖃᓄᐃᖏᓐᓂᖏᓐᓂᒃ; ᒫᓐᓇᐅᔪᖅ ᓱᓕ ᖃᐅᔨᓴᖅᑕᐅᕗᑦ ᑐᑭᓯᓂᐊᖅᑕᐅᕙᓪᓕᐊᖏᓐᓇᖅᓱᑎᒡᓗ
5. Peacock ᐲᑳᒃ ᐱᓕᕆᖃᑎᖏᓪᓗ 2013
6. Kotierk ᑰᑦᑎᐊᖅ 2010a, 2010b
7. Peacock ᐲᑳᒃ ᐱᓕᕆᖃᑎᖏᓪᓗ 2013; Stirling ᔅᑑᓕᖕ 1980.
8. ᐊᒃᑐᖅᑕᐅᓯᒪᑎᒋᓂᖏᑦ ᑕᒪᕐᒥᒃ ᓇᓄᐃᑦ ᑲᑎᓪᓗᒋᑦ ᓇᓐᓄᒃᑕᐅᔪᓐᓇᕐᓂᖏᑦ ᐃᔾᔪᐊᖅᑕᐅᓯᒪᖏᑦᑐᑦ ᐆᒃᑐᕋᐅᑎᑯᑦ; ᓇᓚᐅᑖᖅᑕᐅᓂᖏᑦ ᑭᖑᓂᐊᒍᑦ ᓇᓴᖅᑕᐅᓚᐅᖅᑎᓪᓗᒋᑦ ᐱᔭᕆᖅᑕᐅᓚᐅᖅᑐᑦ ᓇᓐᓄᒃᑕᐅᓚᐅᖅᑎᓪᓗᒋᑦ 2007−ᒥ
ᐃᓱᒪᒋᔭᐅᓚᐅᖅᑐᑦ ᖃᓄᐃᖏᓐᓂᖅ (Peacock ᐱᑳᒃ ᐱᓕᕆᖃᑎᖏᓪᓗ 2013); ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᕿᑭᖅᑖᓘᑉ ᐃᑭᖓᓃᑦᑐᑦ ᐱᔾᔪᑕᐅᓗᑎᒃ ᐃᓄᓕᒪᓂᒃ ᓈᓚᒋᐊᖅᑐᕈᑎᖃᓚᐅᖅᑐᑦ ᒪᐃ 16-17, 2011−ᒥ.
9. ᓄᓇᕗᑦ ᒐᕙᒪᐃᑦ ᑭᖑᓪᓕᖅᐹᑦ ᐅᓂᒃᑳᓕᐊᖏᑦ 2012
10. Sahanatien ᓵᕼᐊᓈᑎᐊᓐ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓪᓗᓂ 7 ᕕᕗᐊᕆ 2013; Dyck ᑎᒃ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓗᓂ. 7 ᕕᕗᐊᕆ 2013; ᑲᓇᑕᒥᐅᓂ ᐆᒪᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔩᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓄᒃ ᐅᓂᒃᑳᓕᐊᖏᑦ 2009
11. ᓄᓇᕗᑦ ᒐᕙᒪᐃᑦ ᐅᓂᒃᑳᓕᐊᖏᑦ 2012; Atkinson ᐋᑦᑭᓐᓴᓐ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2010; Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2006; Taylor ᑕᐃᓚ ᐊᒻᒪᓗ Lee ᓖ 1995
12. ᓇᓗᓇᐃᒃᑯᑕᖃᖏᓚᖅ ᓱᕈᖅᐸᓪᓕᐊᓯᒪᓂᖏᓐᓂᒃ ᑎᒥᒃᑯᑦ ᖃᓄᐃᓂᖏᓐᓂᒃ ᐅᕝᕙᓗᓐᓃᑦ ᐊᑎᖅᑕᑖᖅᐸᓪᓕᐊᕙᖕᓂᖏᓐᓂᒃ (ᓄᓇᕗᑦ ᒐᕙᒪᐃᑦ ᐅᓂᒃᑳᓕᐊᖏᑦ 2012)
13. Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2009
14. Keith ᑮᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2005; ᑲᓇᑕᒥᐅᓂ ᐆᒫᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔨᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓄᒃ ᐅᓂᒃᑳᓕᐊᖏᑦ 2009
15. ᐊᕐᕋᒍᖏᓐᓂ 2000–2015, ᐃᓱᒪᒋᔭᐅᑐᐃᓐᓇᕐᓂᖏᓐᓄᑦ ᑕᒪᕐᒥᒃ ᐱᕝᕕᐅᓯᒪᓂᐊᖅᑐᑦ ᑕᐃᒫᑎᒋᑦ 74−ᓂᒃ ᓇᓄᕐᓂᒃ ᐊᕐᕋᒍᑕᒫᖅ, ᓇᓄᐃᑦ ᐊᒥᓲᓂᖏᑦ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᑐᐃᓐᓇᕐᓂᐊᕋᓱᒋᔭᐅᔪᑦ
ᖃᓄᐃᓕᖓᔾᔪᑕᐅᓂᐊᖏᑦᑐᓂᒃ ᓇᓄᐃᑦ ᐊᒥᓲᓂᖏᓐᓄᑦ (Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2009)
16. ᐊᖑᓇᓱᒃᑏᑦ ᑕᒫᓂᕐᒥᐅᑦ ᐅᖃᐅᓯᖃᓚᐅᖅᑐᑦ ᓯᑯᑉ ᖃᓄᐃᓐᓂᖓ ᐱᐅᓯᒋᐊᖅᓯᒪᓂᖏᓐᓂᒃ, ᓇᓐᓄᒃᑕᐅᕙᖕᓂᖏᓪᓗ ᖃᓄᐃᖏᑦᑐᑦ (Dyck ᑎᒃ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓗᓂ 2013)
17. Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2008
18. ᑲᓇᑕᒥᐅᓂ ᐆᒫᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔩᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓄᒃ ᐅᓂᒃᑳᓕᐊᖏᑦ 2009
19. ᓇᓄᐃᑦ ᐊᒥᓲᓂᖏᑦ ᐃᔾᔪᐊᖅᑕᐅᓚᐅᖅᑐᑦ ᒫᓐᓇᐅᔪᖅ ᖃᐅᔨᒪᔭᐅᓂᖏᓐᓄᑦ ᖃᓄᐃᓐᓂᖏᓐᓂᒃ ᐃᓱᒪᓇᖅᑐᑦ ᐊᒥᓲᖏᑦᑐᒻᒪᕆᖕᓂᒃ (<2 ᒪᕐᕉᒃ ᐅᖓᑕᓃᑐᓂᒃ ᑭᓯᐊᓂ) ᐊᒥᐊᑯᓯᒪᑦᑎᐊᕈᑕᐅᓂᐊᖅᑐᑦ ᑖᒃᑯᓂᖓ ᓇᓄᖃᕐᕕᐅᔪᓂ (Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2008).
20. ᐆᒪᔪᓐᓇᖅᑎᒋᓂᖏᑦ ᓇᓄᐃᑦ ᐆᒪᐃᓐᓇᕈᓐᓇᕐᓂᖏᑦ 17−ᓂᒃ ᐊᕐᕋᒍᓃᑎᑕᐅᔪᑦ, ᒫᓐᓇᐅᔪᖅ ᖃ ᐅᔨᓴᖅᑕᐅᓕᖅᑐᑦ ᐊᒻᒪᓗ ᑲᔪᓰᓐᓇᖅᑐᓂᒃ ᖃᐅᔨᒋᐊᖅᑕᐅᖏᓐᓇᕐᓂᐊᖅᑐᑦ
21. Schwinsburg ᓱᐃᓐᔅᐴᒡᑯᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ . 1980; Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2006; Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2008
22. ᑲᓇᑕᒥᐅᓂ ᐆᒫᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔩᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓄᒃ ᐅᓂᒃᑳᓕᐊᖏᑦ 2009
23. ᐊᕐᕋᒍᓂᒃ 1997-2012−ᒧᑦ, ᓇᓄᐃᑦ ᐊᒥᓲᓂᖏᑦ ᖃᓄᐃᑦᑐᓐᓃᕐᓂᐊᕋᓱᒋᔭᐅᔪᑦ ᑕᐃᒫᒃ ᓇᓐᓄᒡᕕᐅᖃᑦᑕᐃᓐᓇᕐᓂᖏᓐᓂᒃ ᐊᑐᕐᓗᑎᒃ (1993-97−ᒥ). ᑕᐃᑲᓂ
ᒫᓐᓇᐅᔪᖅ ᓇᓄᒃᑕᐅᕙᒃᑐᑦ 78 ᓇᓄᐃᑦ/ᐊᕐᕋᒍᑕᒫᖅ (2002-2006-ᒥ), ᓇᓚᐅᑦᑖᖅᑕᐅᔪᑦ ᓇᓄᐃᑦ ᐊᒥᓲᔪᓐᓃᖔᓚᖓᓂᖏᑦ ᐊᒥᓱᕈᕆᐊᖏᖔᕐᓗᑎᒃ (Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2008).
24. ᐆᒪᔪᓐᓇᕐᓂᕋᖅᑕᐅᓂᖏᑦ Riskman-ᒧᑦ ᕆᔅᒃᒪᓐᒧᑦ ᐆᒪᐃᓐᓇᕈᓐᓇᕐᓂᖏᑦ 16−ᓂᒃ ᐊᕐᕋᒍᓃᑎᑕᐅᔪᑦ
25. Taylor ᑕᐃᓚ ᐱᓕᕆᔨᖃᑎᖏᓪᓗ. 2006
26. ᐃᓄᐃᑦ ᐅᓂᒃᑳᖅᓯᒪᓕᖅᑐᑦ ᓇᓄᐃᑦ ᓅᖃᑦᑕᕐᓂᖏᓐᓂᒃ ᖃᓂᒋᔭᖏᓐᓄᑦ ᓯᓚᑎᖓᓃᑦᑐᓂᒃ ᓇᓂᑐᐃᓐᓇᖅ ᐊᕕᒃᑐᖅᓯᒪᓂᖏᓐᓂ. (Keith ᑮᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2005; ᑲᓇᑕᒥᐅᑦ ᐆᒪᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔨᖏᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᕕᖃᓚᐅᕐᓂᖏᓐᓄᑦ 2009−ᒥ).
27. ᐊᒥᓱᕈᒃᑲᓐᓂᕐᓂᐊᖅᑐᒃᓴᐅᕗᑦ ᒪᓕᒃᑕᐅᓪᓗᑎᒃ ᐊᒥᓲᑎᒋᖃᑦᑕᖅᓯᒪᓂᖏᑦ ᖃᐅᔨᒪᔭᐅᓯᒪᔪᑦ ᐊᒥᕈᖅᐸᓪᓕᐊᖏᓐᓇᕐᓂᖏᓐᓂᒃ (Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2006)
28. ᐆᒪᔪᓐᓇᖅᑎᒋᓂᖏᑦ ᓇᓄᐃᑦ ᐆᒪᐃᓐᓇᕈᓐᓇᕐᓂᖏᑦ 14−ᓂᒃ ᐊᕐᕋᒍᓃᑎᑕᐅᔪᑦ; ᐊᒥᓱᒐᓴᖕᓄᑦ ᖃᐅᔨᓴᖅᑕᐅᔪᒪᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒃᓴᓂᒃ ᑐᑭᓯᓂᐊᕈᑎᖃᖃᑦᑕᓚᐅᖅᑐᑦ ᐱᔭᕇᖅᑕᐅᓯᒪᓕᖅᑐᓂᒃ; ᑐᑭᓯᓂᐊᕈᑕᐅᕙᓪᓕᐊᖏᓐᓇᕐᓂᐊᖅᑐᑦ.
29. Griswold ᒍᕆᔅᕘᓪᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ, ᐅᖃᓕᒪᒐᕈᖅᑎᑕᐅᓯᒪᖏᑦᑐᑦ ᓱᓕ; Stirling ᔅᑑᓕᖕ ᐱᓕᕆᖃᑎᖏᓪᓗ 2011
30. ᐳᑭᐊᖅ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓯᒪᓪᓗᓂ 7 ᕕᕗᐊᕆ 2013; ᑳᐱᓐᑕ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓯᒪᓗᓂ 7 ᕕᕗᐊᕆ 2013
31. ᓇᓄᐃᑦ ᐊᒥᓲᓂᖏᑦ ᐊᑐᖅᑕᐅᔪᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᓯᕗᐊᓂᒍᑦ ᑕᐃᒪᖓᑦ ᐋᕿᒋᐊᖅᑕᐅᓯᒪᓚᐅᖅᑐᑦ 1,200-ᒧᑦ ᐳᔾᔪᑕᐅᓪᓗᑎᒃ ᖃᐅᔨᒪᔭᐅᒻᒪᕆᖏᓐᓂᖏᑦ ᐃᓚᖏᓐᓂᒃ ᐊᒥᓲᓂᖏᓐᓂᒃ ᓇᓄᐃᑦ ᓇᓚᐅᑖᖅᑕᐅᓂᖏᓐᓂ (Amstrup ᐋᒻᔅᑐᕋᑉ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2005; Stirling ᔅᑑᓕᖕ ᐱᓕᕆᖃᑎᖏᓪᓗ 2011).
32. Durner Dᕐᓄᕐ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2009, Stirling ᔅᑑᓕᖕ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2011, ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᖃᐅᔨᒪᑐᔭᖃᖏᑦ (ᑕᒪᐃᓐᓄᒃ ᐱᓕᕆᕝᕕᖓᓂ, ᓱᓕ ᐅᖃᓕᒫᒐᓕᐊᖑᓯᒪᖏᑦᑐᑦ) ᐅᖃᖅᓯᒪᔪᑦ ᖃᓄᐃᖏᓂᖏᓐᓂᒃ ᓇᓄᐃᑦ ᓇᔪᖅᐸᒃᑕᖏᓪᓗ ᐱᐅᓯᒋᐊᖅᓯᒪᓂᐊᖅᑐᔮᖅᑐᑦ ᕿᓚᒥ ᓯᕗᓂᒧᑦ
33. Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2006; Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2008
34. ᑲᓇᑕᒥᐅᓂ ᐆᒪᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔩᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓄᒃ ᐅᓂᒃᑳᓕᐊᖏᑦ 2009
35. ᐆᒪᔪᓐᓇᖅᑎᒋᓂᖏᑦ ᑕᐃᑲᓂ Riskman−ᑯᓐᓄᑦ ᐅᑭᐅᖃᕈᓐᓇᕐᓂᕋᖅᑕᐅᓯᒪᔪᑦ 17−ᓂᒃ ᐊᕐᕋᒍᓂᒃ, ᐆᒫᔪᓇᖅᑎᒋᓂᖏᓪᓗ ᐊᑐᖅᑕᐅᑐᐃᓇᓕᓚᐅᖅᑐᑦ ᐊᓯᖏᓐᓄᑦ ᓇᓄᖃᕐᕕᐅᖕᒥᔪᓄᑦ (Taylor ᑕᐃᓪᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2008; ᒫᓐᓇᓵᖅ ᐱᓕᕆᕝᕕᐅᓯᒪᖏᑦᑐᑦ ᖃᓂᒋᔭᖏᓐᓂ ᑕᐅᕙᓂ
36. ᐆᒪᔪᓐᓇᖅᑎᒋᓂᖏᑦ ᑕᐃᑲᓂ Riskman−ᑯᓐᓄᑦ ᐅᑭᐅᖃᕈᓐᓇᕐᓂᕋᖅᑕᐅᓯᒪᔪᑦ 17−ᓂᒃ ᐊᕐᕋᒍᓂᒃ, ᐆᒫᔪᓇᖅᑎᒋᓂᖏᓪᓗ ᐊᑐᖅᑕᐅᑐᐃᓇᓕᓚᐅᖅᑐᑦ ᐊᓯᖏᓐᓄᑦ ᓇᓄᖃᕐᕕᐅᖕᒥᔪᓄᑦ (Taylor ᑕᐃᓪᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2008)
37. Griswold ᒍᕆᔅᕘᓪᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ, ᐅᖃᓕᒪᒐᕈᖅᑎᑕᐅᓯᒪᖏᑦᑐᑦ ᓱᓕ; USGS−ᑯ ᑦ 2010
38. ᐳᑭᐊᖅ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓯᒪᓪᓗᓂ 7 ᕕᕗᐊᕆ 2013; ᑳᐱᓐᑕ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓯᒪᓗᓂ 7 ᕕᕗᐊᕆ 2013
39. ᓇᓄᐃᑦ ᐊᒥᓲᓂᖏᑦ ᐊᑦᑎᖕᓂᖅᓴᐅᔪᑦ ᑭᓯᐊᓂ ᐊᖏᔪᒥᒃ ᐊᔾᔨᐅᖏᓐᓂᖃᖏᓚᑦ ᓯᕗᓂᐊᒍᑦ ᐊᒥᓲᓂᕋᖅᑕᐅᓚᐅᕐᓂᖏᓐᓂᒃ (Amstrup ᐋᒻᓯᑐᕋᑉ ᐱᓕᕆᖃᑎᒋᓪᓗ 1986, Regehr ᕇᒋᐅᕐ ᐱᓕᕆᖃᑎᖏᓪᓗ 2006).
ᓇᓄᒃᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᒥᓲᓂᖏᑦ ᐋᕿᒃᑕᐅᓯᒪᓚᐅᖅᑐᑦ ᑐᑭᓯᐅᒪᖃᑦᑕᐅᑎᓂᖏᓐᓄᑦ ᑕᒪᕐᒥᒃ ᑲᑎᓪᓗᒋᑦ ᓇᓐᓄᒃᑕᐅᓂᐊᖅᑐᑦ ᐊᕐᓇᓪᓗᐃᑦ ᖄᖏᐅᑎᓯᒪᓂᐊᖏᒃᑯᑎᒃ ᓇᓐᓄᒃᑕᐅᓂᖏᐊᖅᑐᑦ ᑕᐃᒃᑯᓇᖓᑦ ᒪᓕᒃᑕᐅᔪᒃᓴᓂᒃ ᐊᒥᐊᒃᑯᓯᒪᑦᑎᐊᕆᐊᖃᕐᓂᖏᓐᓄᑦ ᓇᓄᒃᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᐊᒥᓲᓂᖅᐹᓂᒃ ᐃᒪᐃᓕᖓᔪᓂᒃ
1.5% ᐳᓴᓐᑎᖏᓐᓂᒃ ᓇᓄᖃᕐᓂᖏᓐᓂᒃ (Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 1987) ᐊᒻᒪᓗ ᑕᐃᒃᑯᐊ ᐋᕿᐅᒪᔭᐅᓂᐊᖅᓱᑎᒃ 2:1-ᒥᒃ ᐊᖑᓴᕐᓗᕐᓂᒃ ᐊᕐᓇᓪᓗᕐᓄᑦ ᐊᒥᓲᓂᖃᑐᖅᓂᒃ, ᑕᐃᒪᐃᓕᖓᑎᑕᐅᓗᑎᒡᓗ ᑕᒪᐃᓐᓂᒃ ᑲᑎᓪᓗᒋᑦ ᓇᓐᓄᒃᑕᐅᔪᓐᓇᕐᓂᖏᓐᓄᑦ ᑰᑕᖓᒍ ᐱᔭᐅᔪᓇᕐᓂᐊᖅᑐᓂᒃ (Stirling, ᔅᑑᓕᖕ 2002)
40. ᒪᓕᒃᑕᐅᓪᓗᑎᒃ ᑕᕆᐅᑉ ᒥᑭᒡᓕᕙᓪᓕᐊᓂᖓ (Durner ᑐᕐᓄᒃᑯᑦ ᐱᓕᕆᖃᑎᒌᑦ), ᐊᓱᔾᔨᖅᓯᒪᓂᖏᑦ ᑎᒥᖏᓐᓂᒃ ᐆᒃᑐᕋᖅᑕᐅᓚᐅᖅᑐᑦ ᐊᓛᔅᑲᒥ (Rode ᕉᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ 2010) ᐊᒻᒪᓗ ᐃᔾᔪᐊᖅᑕᐅᓯᒪᓪᓗᑎᒃ (Regehr ᕇᒋᐅᕐ ᐱᓕᕆᖃᑎᖏᓪᓗ 2010)
ᓇᓚᐅᑦᑖᖅᑕᐅᓯᒪᓂᖏᑦ ᓯᕗᓂᒃᓴᒥ ᐊᒥᓲᔪᓐᓃᖅᐸᓪᓕᐊᓂᖏᑦ ᑐᖓᕕᖃᖅᑐᑦ ᐆᒪᔪᓐᓇᖅᑎᒋᓂᖏᓐᓂᒃ ᓇᓚᐅᑦᑖᖅᑕᐅᓯᒪᓂᖏᓐᓂᒃ 2001-2006−ᒥ ᖃᐅᔨᒪᔭᐅᓯᒪᔪᓂᒃ ᓇᓃᓐᓂᖏᓐᓂᒃ ᖃᔅᓯᐅᓂᖏᓂᓗ ᐃᔾᔪᐊᖅᑕᐅᓯᒪᔪᓂᒃ ᐆᒃᑐᕋᐅᑎᓂᒃ, ᐊᑐᓕᖅᑎᑦᑎᓯᒪᔪᓂᒃ ᑕᕆᐅᕐᒥ ᓯᑰᑉ ᖃᓄᐃᓕᕙᓪᓕᐊᓚᖓᓂᖏᓐᓂᒃ
41. Obbard ᐆBᐊᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ 2013
42. ᓄᓇᕗᒻᒥ ᑕᕆᐅᕐᒥᑕᓂᒃ ᐆᒪᔪᓕᕆᔨᖏᑦ ᑲᑎᒪᔨᕐᔪᐊᖏᑦ ᐃᓄᓕᒫᓂᒃ ᓈᓚᒋᐊᖅᑐᕐᓯᒪᓂᖏᓐᓂᒃ ᐃᓄᒃᔪᐊᕐᒥ, ᕕᕗᐊᕆ 2014
43. ᑐᖓᕕᖃᖅᑐᑦ ᐊᔾᔨᒌᖏᓂᖏᓐᓂᒃ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᓚᐅᖅᑐᓂᒃ ᓯᕗᓂᐊᒍᑦ ᓇᓄᐃᑦ ᐊᒥᓲᓂᕋᖅᑕᐅᓚᐅᕐᓂᖏᓐᓂᒃ (Obbard ᐆBᐊᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ 2013; Obbard ᐆBᐊᑦ 2008; Kolenosky ᑯᓕᓄᓯᑭ 1994).

2015 PBTC Status Table Footnotes ᖃᓄᐃᓕᓂᖏᓐᓂᒃ

44. ᑎᒥᖓᒍᑦ ᐱᐅᔪᓐᓃᖅᐸᓪᓕᐊᓯᒪᓕᖅᑐᑦ, ᐆᒪᔪᓐᓇᕐᓂᖏᑦ ᑲᑕᒃᓯᒪᓕᖅᑐᑦ ᐊᓯᔾᔨᖅᓯᒪᓪᓗᑎᒡᓗ ᓯᑰᑉ ᑕᕆᐅᕐᒥ ᐱᑕᖃᕐᓂᖏᑦ; ᐃᓄᐃᑦ ᖃᐅᔨᖃᑦᑕᖅᓯᒪᔪᑦ ᑎᒥᒃᑯᑦ ᐊᓯᔾᔨᖅᓯᒪᓐᖏᓐᓂᒃ ᐊᒥᓲᓂᖏᓐᓂᒡᓗᓐᓃᑦ (Obbard ᐆBᐊᑦ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓯᒪᓗᓂ 2014, Obbard ᐅBᐋᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ 2013, ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ, ᐅᖃᓕᒫᒐᓕᐊᖑᓯᒪᖏᑦᑐᑦ ᓱᓕ)
45. Taylor ᑕᐃᓚ ᐱᓕᕆᖃᑎᖏᓪᓗ 2002
46. ᑲᓇᑕᒥᐅᓂ ᐆᒫᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔩᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓄᒃ ᐅᓂᒃᑳᓕᐊᖏᑦ 2009; ᓄᓇᓕᖕᓂᒃ ᑐᑭᓯᓂᐊᕐᕕᐅᓚᐅᖅᑐ 2012 ᐊᒻᒪᓗ 2013
47. ᓇᓄᒃᑕᐅᕙᖕᓂᖏᑦ ᐊᐅᓚᑕᐅᓯᒪᔪᑦ ᐊᒥᓱᕈᖅᓯᐊᕆᔭᐅᓂᖏᓐᓄᑦ ᑕᐃᒪᖓᑦ ᑭᖑᓪᓕᖅᐹᒥᒃ ᓈᓴᖅᑕᐅᓚᐅᖅᑎᓪᓗᒋᑦ, ᐃᓚᖃᓚᐅᖅᓱᑎᒡᓗ ᑕᓪᓕᒪᓄᑦ 5−ᓄᑦ ᐊᕐᕋᒍᓄᑦ ᐱᑕᖅᑕᐅᑦᑕᐃᓕᒪᓂᖏᓐᓂᒃ; ᐊᔾᔨᒌᖏᓐᓂᖏᑦ ᐊᑎᖅᑕᖅᑖᖅᐸᓪᓕᐊᓯᒪᓂᖏᑦ 2012−ᒥ (ᓄᓇᑦᓯᐊᑉ ᒐᕙᒪᒃᑯᖏᓐᓄᑦ ᐅᖃᓕᒫᒐᓕᐊᕆᔭᐅᓯᒪᖏᑦᑐᑦ ᓱᓕ)
48. ᐆᒪᔪᓐᓇᖅᑎᒋᓂᖏᑦ ᑕᐃᑲᓂ Riskman−ᑯᓄᑦ ᕆᔅᒪᓐᑯᓐᓄᑦ ᐅᑭᐅᖃᕈᓐᓇᕐᓂᕋᖅᑕᐅᓯᒪᔪᑦ 22−ᓂᒃ ᐊᕐᕋᒍᓂᒃ; ᖃᐅᔨᓴᖅᑕᐅᒃᑲᓐᓂᖅᑐᑦ ᓱᓕ
49. Stapleton ᔅᑏᐳᓪᑕᓐᑯᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ. 2014
50. ᑲᓇᑕᒥᐅᓂ ᐆᒫᔪᓕᕆᔩᑦ ᐱᔨᑦᑎᕋᐃᔩᖏᓐᓄᑦ ᓄᓇᕗᒻᒥ ᑐᑭᓯᓂᐊᕐᓂᖏᓐᓄᒃ ᐅᓂᒃᑳᓕᐊᖏᑦ 2009−ᒥ; Kotierk ᑰᑎᐅᖅ 2012, ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᑲᑎᒪᓂᖏᓐᓂᒃ ᑲᑎᒪᔾᔪᑎᕕᓂᖔᖅᑐᑦ 2005; Tyrrell ᑕᐃᕈᓪ 2006
51. Lunn ᓚᓐ ᐱᓕᕆᖃᑎᖏᓪᓗ 2014 ᐅᖃᓕᒪᒐᓕᐊᕆᔭᐅᖏᑦᑐᑦ ᓱᓕ

52. ᒪᓕᒃᑕᐅᓪᓗᑎᒃ ᑎᒥᑯᑦ ᖃᓄᐃᓕᖓᓂᖏᑦ, ᐊᒥᓲᑎᒋᓂᖏᓐᓂᒡᓗ ᓇᓚᐅᑦᑕᖅᑕᐅᓯᒪᔪᑦ, ᕿᑐᖏᐅᖏᓐᓂᖅᓴᐅᕙᓪᓕᐊᓕᕐᓂᖏᑦ, ᓯᑯᐃᓪᓗ ᑕᕆᐅᕐᒥ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖏᑦ (Stirling ᔅᑑᓕᖕ ᐊᒻᒪᓗ Parkinson ᐸᑭᓐᓴᓐ 2006,
Stapleton ᔅᑏᐳᓪᑕᓐᑯᑦ ᐱᓕᕆᖃᑎᖏᓪᓗ 2014, ᓚᓐᔅ ᓇᖕᒥᓂᖅ ᐅᖃᕐᕕᐅᓯᒪᓪᓗᓂ)