

Total Elk Population (dil = 1E+06)

| manual.calc.pop.total | model.pop.total | dil |
|-----------------------|-----------------|-----|
| 30.0496788615 | 30.0496788615 | 0 |

Total Elk Population by month (dil = 1E+06)

| Month | manual.calc.pop.total | model.pop.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 5.917956 | 5.917956 | 0 |
| Feb | 5.917956 | 5.917956 | 0 |
| Mar | 5.917956 | 5.917956 | 0 |
| Apr | 0.065700 | 0.065700 | 0 |
| May | 0.065700 | 0.065700 | 0 |
| Jun | 0.065700 | 0.065700 | 0 |
| Jul | 0.065700 | 0.065700 | 0 |
| Aug | 0.065700 | 0.065700 | 0 |
| Sep | 0.065700 | 0.065700 | 0 |
| Oct | 0.065700 | 0.065700 | 0 |
| Nov | 5.917956 | 5.917956 | 0 |
| Dec | 5.917956 | 5.917956 | 0 |

Total Elk Population in/around stream (dil = 1E+06)

| manual.calc.pop.total | model.pop.total | dil |
|-----------------------|-------------------|-----|
| 0.131749872693266 | 0.131749872693266 | 0 |

Total Elk Population in/around stream by month (dil = 1E+06)

| Month | manual.calc.pop.total | model.pop.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 0.025617814 | 0.025617814 | 0 |
| Feb | 0.025617814 | 0.025617814 | 0 |
| Mar | 0.025617814 | 0.025617814 | 0 |
| Apr | 0.000522972 | 0.000522972 | 0 |
| May | 0.000522972 | 0.000522972 | 0 |
| Jun | 0.000522972 | 0.000522972 | 0 |
| Jul | 0.000522972 | 0.000522972 | 0 |
| Aug | 0.000522972 | 0.000522972 | 0 |
| Sep | 0.000522972 | 0.000522972 | 0 |
| Oct | 0.000522972 | 0.000522972 | 0 |
| Nov | 0.025617814 | 0.025617814 | 0 |
| Dec | 0.025617814 | 0.025617814 | 0 |

Total Elk Population on pasture (dil = 1E+06)

| manual.calc.pop.total | model.pop.total | dil |
|-----------------------|------------------|-----|
| 3.17042905742491 | 3.17042905742491 | 0 |

Total Elk Population on pasture by month (dil = 1E+06)

| Month | manual.calc.pop.total | model.pop.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 0.6340858 | 0.6340858 | 0 |
| Feb | 0.6340858 | 0.6340858 | 0 |
| Mar | 0.6340858 | 0.6340858 | 0 |
| Apr | 0.0000000 | 0.0000000 | NA |
| May | 0.0000000 | 0.0000000 | NA |
| Jun | 0.0000000 | 0.0000000 | NA |
| Jul | 0.0000000 | 0.0000000 | NA |
| Aug | 0.0000000 | 0.0000000 | NA |
| Sep | 0.0000000 | 0.0000000 | NA |
| Oct | 0.0000000 | 0.0000000 | NA |
| Nov | 0.6340858 | 0.6340858 | 0 |
| Dec | 0.6340858 | 0.6340858 | 0 |

Total Elk Population in forest (dil = 1E+06)

| manual.calc.pop.total | model.pop.total | dil |
|-----------------------|------------------|-----|
| 26.7474999313818 | 26.7474999313818 | 0 |

Total Elk Population in forest by month (dil = 1E+06)

| Month | manual.calc.pop.total | model.pop.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 5.25825215 | 5.25825215 | 0 |
| Feb | 5.25825215 | 5.25825215 | 0 |
| Mar | 5.25825215 | 5.25825215 | 0 |
| Apr | 0.06517703 | 0.06517703 | 0 |
| May | 0.06517703 | 0.06517703 | 0 |
| Jun | 0.06517703 | 0.06517703 | 0 |
| Jul | 0.06517703 | 0.06517703 | 0 |
| Aug | 0.06517703 | 0.06517703 | 0 |
| Sep | 0.06517703 | 0.06517703 | 0 |
| Oct | 0.06517703 | 0.06517703 | 0 |
| Nov | 5.25825215 | 5.25825215 | 0 |
| Dec | 5.25825215 | 5.25825215 | 0 |

Total Elk Population on RAOCUT (dil = 1E+06)

| manual.calc.pop.total | model.pop.total | dil |
|-----------------------|-----------------|-----|
| 0 | 0 | NaN |

Total Elk Population on RAOCUT by month (dil = 1E+06)

| Month | manual.calc.pop.total | model.pop.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 0 | 0 | NA |
| Feb | 0 | 0 | NA |
| Mar | 0 | 0 | NA |
| Apr | 0 | 0 | NA |
| May | 0 | 0 | NA |
| Jun | 0 | 0 | NA |
| Jul | 0 | 0 | NA |
| Aug | 0 | 0 | NA |
| Sep | 0 | 0 | NA |
| Oct | 0 | 0 | NA |
| Nov | 0 | 0 | NA |
| Dec | 0 | 0 | NA |

Total bacteria load from Elk (dil = 1E+06)

| manual.calc.bac.total | model.bac.total | dil |
|-----------------------|------------------|-----|
| 19983036442.8975 | 19983036442.8975 | 0 |

Total bacteria load from Elk by month (dil = 1E+06)

| Month | manual.calc.bac.total | model.bac.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 3935440589 | 3935440589 | 0 |
| Feb | 3935440589 | 3935440589 | 0 |
| Mar | 3935440589 | 3935440589 | 0 |
| Apr | 43690500 | 43690500 | 0 |
| May | 43690500 | 43690500 | 0 |
| Jun | 43690500 | 43690500 | 0 |
| Jul | 43690500 | 43690500 | 0 |
| Aug | 43690500 | 43690500 | 0 |
| Sep | 43690500 | 43690500 | 0 |
| Oct | 43690500 | 43690500 | 0 |
| Nov | 3935440589 | 3935440589 | 0 |
| Dec | 3935440589 | 3935440589 | 0 |

Total bacteria load from Elk in/around stream (dil = 1E+06)

| manual.calc.bac.total | model.bac.total | dil |
|-----------------------|------------------|-----|
| 87613665.3410217 | 87613665.3410217 | 0 |

Total bacteria load from Elk in/around stream by month (dil = 1E+06)

| Month | manual.calc.bac.total | model.bac.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 17035846.1 | 17035846.1 | 0 |
| Feb | 17035846.1 | 17035846.1 | 0 |
| Mar | 17035846.1 | 17035846.1 | 0 |
| Apr | 347776.4 | 347776.4 | 0 |
| May | 347776.4 | 347776.4 | 0 |
| Jun | 347776.4 | 347776.4 | 0 |
| Jul | 347776.4 | 347776.4 | 0 |
| Aug | 347776.4 | 347776.4 | 0 |
| Sep | 347776.4 | 347776.4 | 0 |
| Oct | 347776.4 | 347776.4 | 0 |
| Nov | 17035846.1 | 17035846.1 | 0 |
| Dec | 17035846.1 | 17035846.1 | 0 |

Total bacteria load from Elk on pasture (dil = 1E+06)

| manual.calc.bac.total | model.bac.total | dil |
|-----------------------|------------------|-----|
| 2108335323.18757 | 2108335323.18757 | 0 |

Total bacteria laod from Elk on pasture by month (dil = 1E+06)

| Month | manual.calc.bac.total | model.bac.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 421667065 | 421667065 | 0 |
| Feb | 421667065 | 421667065 | 0 |
| Mar | 421667065 | 421667065 | 0 |
| Apr | 0 | 0 | NA |
| May | 0 | 0 | NA |
| Jun | 0 | 0 | NA |
| Jul | 0 | 0 | NA |
| Aug | 0 | 0 | NA |
| Sep | 0 | 0 | NA |
| Oct | 0 | 0 | NA |
| Nov | 421667065 | 421667065 | 0 |
| Dec | 421667065 | 421667065 | 0 |

Total bacteria load from Elk in forest (dil = 1E+06)

| manual.calc.bac.total | model.bac.total | dil |
|-----------------------|------------------|-----|
| 17787087454.3689 | 17787087454.3689 | 0 |

Total bacteria load from Elk in forest by month (dil = 1E+06)

| Month | manual.calc.bac.total | model.bac.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 3496737678 | 3496737678 | 0 |
| Feb | 3496737678 | 3496737678 | 0 |
| Mar | 3496737678 | 3496737678 | 0 |
| Apr | 43342724 | 43342724 | 0 |
| May | 43342724 | 43342724 | 0 |
| Jun | 43342724 | 43342724 | 0 |
| Jul | 43342724 | 43342724 | 0 |
| Aug | 43342724 | 43342724 | 0 |
| Sep | 43342724 | 43342724 | 0 |
| Oct | 43342724 | 43342724 | 0 |
| Nov | 3496737678 | 3496737678 | 0 |
| Dec | 3496737678 | 3496737678 | 0 |

Total bacteria load from Elk on RAOCUT (dil = 1E+06)

| manual.calc.pop.total | model.pop.total | dil |
|-----------------------|-----------------|-----|
| 0 | 0 | NaN |

Accum load from Elk on Pasture by month (dil = 1E+06)

| Month | manual.calc.bac.total | model.bac.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 1995868 | 1995868 | 0 |
| Feb | 1995868 | 1995868 | 0 |
| Mar | 1995868 | 1995868 | 0 |
| Apr | NA | NA | NA |
| May | NA | NA | NA |
| Jun | NA | NA | NA |
| Jul | NA | NA | NA |
| Aug | NA | NA | NA |
| Sep | NA | NA | NA |
| Oct | NA | NA | NA |
| Nov | 1995868 | 1995868 | 0 |
| Dec | 1995868 | 1995868 | 0 |

Accum load from Elk in Forest by month (dil = 1E+06)

| Month | manual.calc.bac.total | model.bac.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 1990628 | 1990628 | 0 |
| Feb | 1990628 | 1990628 | 0 |
| Mar | 1990628 | 1990628 | 0 |
| Apr | 29686797 | 29686797 | 0 |
| May | 29686797 | 29686797 | 0 |
| Jun | 29686797 | 29686797 | 0 |
| Jul | 29686797 | 29686797 | 0 |
| Aug | 29686797 | 29686797 | 0 |
| Sep | 29686797 | 29686797 | 0 |
| Oct | 29686797 | 29686797 | 0 |
| Nov | 1990628 | 1990628 | 0 |
| Dec | 1990628 | 1990628 | 0 |

Accum load from Elk on RAOCUT by month (dil = 1E+06)

| Month | manual.calc.bac.total | model.bac.total | dil |
|-------|-----------------------|-----------------|-----|
| Jan | 0 | 0 | NA |
| Feb | 0 | 0 | NA |
| Mar | 0 | 0 | NA |
| Apr | 0 | 0 | NA |
| May | 0 | 0 | NA |
| Jun | 0 | 0 | NA |
| Jul | 0 | 0 | NA |
| Aug | 0 | 0 | NA |
| Sep | 0 | 0 | NA |
| Oct | 0 | 0 | NA |
| Nov | 0 | 0 | NA |
| Dec | 0 | 0 | NA |