

## Total Elk Population (dil = 1E+06)

manual.calc.pop.total	model.pop.total	dil
1045.887676902	1045.887676902	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	6.305565	6.305565	0
Feb	6.305565	6.305565	0
Mar	6.305565	6.305565	0
Apr	144.908550	144.908550	0
May	144.908550	144.908550	0
Jun	144.908550	144.908550	0
Jul	144.908550	144.908550	0
Aug	144.908550	144.908550	0
Sep	144.908550	144.908550	0
Oct	144.908550	144.908550	0
Nov	6.305565	6.305565	0
Dec	6.305565	6.305565	0

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

manual.calc.pop.total	model.pop.total	dil
3.20532164863823	3.20532164863823	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.0354915	0.0354915	0
Feb	0.0354915	0.0354915	0
Mar	0.0354915	0.0354915	0
Apr	0.4325520	0.4325520	0
May	0.4325520	0.4325520	0
Jun	0.4325520	0.4325520	0
Jul	0.4325520	0.4325520	0
Aug	0.4325520	0.4325520	0
Sep	0.4325520	0.4325520	0
Oct	0.4325520	0.4325520	0
Nov	0.0354915	0.0354915	0
Dec	0.0354915	0.0354915	0

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

manual.calc.pop.total	model.pop.total	dil
2.11458061352216	2.11458061352216	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.4229161	0.4229161	0
Feb	0.4229161	0.4229161	0
Mar	0.4229161	0.4229161	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	0.4229161	0.4229161	0
Dec	0.4229161	0.4229161	0

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

manual.calc.pop.total	model.pop.total	dil
1040.56777463984	1040.56777463984	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	5.847158	5.847158	0
Feb	5.847158	5.847158	0
Mar	5.847158	5.847158	0
Apr	144.475998	144.475998	0
May	144.475998	144.475998	0
Jun	144.475998	144.475998	0
Jul	144.475998	144.475998	0
Aug	144.475998	144.475998	0
Sep	144.475998	144.475998	0
Oct	144.475998	144.475998	0
Nov	5.847158	5.847158	0
Dec	5.847158	5.847158	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
695515305139.83	695515305139.83	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	4193200978	4193200978	0
Feb	4193200978	4193200978	0
Mar	4193200978	4193200978	0
Apr	96364185750	96364185750	0
May	96364185750	96364185750	0
Jun	96364185750	96364185750	0
Jul	96364185750	96364185750	0
Aug	96364185750	96364185750	0
Sep	96364185750	96364185750	0
Oct	96364185750	96364185750	0
Nov	4193200978	4193200978	0
Dec	4193200978	4193200978	0

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

manual.calc.bac.total	model.bac.total	dil
2131538896.34442	2131538896.34442	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	23601847	23601847	0
Feb	23601847	23601847	0
Mar	23601847	23601847	0
Apr	287647094	287647094	0
May	287647094	287647094	0
Jun	287647094	287647094	0
Jul	287647094	287647094	0
Aug	287647094	287647094	0
Sep	287647094	287647094	0
Oct	287647094	287647094	0
Nov	23601847	23601847	0
Dec	23601847	23601847	0

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

manual.calc.bac.total	model.bac.total	dil
1406196107.99224	1406196107.99224	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	281239222	281239222	0
Feb	281239222	281239222	0
Mar	281239222	281239222	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	281239222	281239222	0
Dec	281239222	281239222	0



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

manual.calc.bac.total	model.bac.total	dil
691977570135.493	691977570135.493	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	3888359909	3888359909	0
Feb	3888359909	3888359909	0
Mar	3888359909	3888359909	0
Apr	96076538656	96076538656	0
May	96076538656	96076538656	0
Jun	96076538656	96076538656	0
Jul	96076538656	96076538656	0
Aug	96076538656	96076538656	0
Sep	96076538656	96076538656	0
Oct	96076538656	96076538656	0
Nov	3888359909	3888359909	0
Dec	3888359909	3888359909	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	1966020	1966020	0
Feb	1966020	1966020	0
Mar	1966020	1966020	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	1966020	1966020	0
Dec	1966020	1966020	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	1990244	1990244	0
Feb	1990244	1990244	0
Mar	1990244	1990244	0
Apr	29835674	29835674	0
May	29835674	29835674	0
Jun	29835674	29835674	0
Jul	29835674	29835674	0
Aug	29835674	29835674	0
Sep	29835674	29835674	0
Oct	29835674	29835674	0
Nov	1990244	1990244	0
Dec	1990244	1990244	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