

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

manual.calc.pop.total	model.pop.total	dil
6.032574159	6.032574159	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.9425448	0.9425448	0
Feb	0.9425448	0.9425448	0
Mar	0.9425448	0.9425448	0
Apr	0.1885500	0.1885500	0
May	0.1885500	0.1885500	0
Jun	0.1885500	0.1885500	0
Jul	0.1885500	0.1885500	0
Aug	0.1885500	0.1885500	0
Sep	0.1885500	0.1885500	0
Oct	0.1885500	0.1885500	0
Nov	0.9425448	0.9425448	0
Dec	0.9425448	0.9425448	0

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

manual.calc.pop.total	model.pop.total	dil
0.0883955041376671	0.0883955041376671	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.01006225	0.01006225	0
Feb	0.01006225	0.01006225	0
Mar	0.01006225	0.01006225	0
Apr	0.00544061	0.00544061	0
May	0.00544061	0.00544061	0
Jun	0.00544061	0.00544061	0
Jul	0.00544061	0.00544061	0
Aug	0.00544061	0.00544061	0
Sep	0.00544061	0.00544061	0
Oct	0.00544061	0.00544061	0
Nov	0.01006225	0.01006225	0
Dec	0.01006225	0.01006225	0

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

manual.calc.pop.total	model.pop.total	dil
1.6455585038607	1.6455585038607	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.3291117	0.3291117	0
Feb	0.3291117	0.3291117	0
Mar	0.3291117	0.3291117	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	0.3291117	0.3291117	0
Dec	0.3291117	0.3291117	0

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

manual.calc.pop.total	model.pop.total	dil
4.29862015100163	4.29862015100163	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.6033709	0.6033709	0
Feb	0.6033709	0.6033709	0
Mar	0.6033709	0.6033709	0
Apr	0.1831094	0.1831094	0
May	0.1831094	0.1831094	0
Jun	0.1831094	0.1831094	0
Jul	0.1831094	0.1831094	0
Aug	0.1831094	0.1831094	0
Sep	0.1831094	0.1831094	0
Oct	0.1831094	0.1831094	0
Nov	0.6033709	0.6033709	0
Dec	0.6033709	0.6033709	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
4011661815.735	4011661815.735	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	626792313	626792313	0
Feb	626792313	626792313	0
Mar	626792313	626792313	0
Apr	125385750	125385750	0
May	125385750	125385750	0
Jun	125385750	125385750	0
Jul	125385750	125385750	0
Aug	125385750	125385750	0
Sep	125385750	125385750	0
Oct	125385750	125385750	0
Nov	626792313	626792313	0
Dec	626792313	626792313	0

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

manual.calc.bac.total	model.bac.total	dil
58783010.2515486	58783010.2515486	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	6691394	6691394	0
Feb	6691394	6691394	0
Mar	6691394	6691394	0
Apr	3618006	3618006	0
May	3618006	3618006	0
Jun	3618006	3618006	0
Jul	3618006	3618006	0
Aug	3618006	3618006	0
Sep	3618006	3618006	0
Oct	3618006	3618006	0
Nov	6691394	6691394	0
Dec	6691394	6691394	0

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

manual.calc.bac.total	model.bac.total	dil
1094296405.06737	1094296405.06737	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	218859281	218859281	0
Feb	218859281	218859281	0
Mar	218859281	218859281	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	218859281	218859281	0
Dec	218859281	218859281	0



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

manual.calc.bac.total	model.bac.total	dil
2858582400.41609	2858582400.41609	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	401241638	401241638	0
Feb	401241638	401241638	0
Mar	401241638	401241638	0
Apr	121767744	121767744	0
May	121767744	121767744	0
Jun	121767744	121767744	0
Jul	121767744	121767744	0
Aug	121767744	121767744	0
Sep	121767744	121767744	0
Oct	121767744	121767744	0
Nov	401241638	401241638	0
Dec	401241638	401241638	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	1960051	1960051	0
Feb	1960051	1960051	0
Mar	1960051	1960051	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	1960051	1960051	0
Dec	1960051	1960051	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	1988708	1988708	0
Feb	1988708	1988708	0
Mar	1988708	1988708	0
Apr	29061514	29061514	0
May	29061514	29061514	0
Jun	29061514	29061514	0
Jul	29061514	29061514	0
Aug	29061514	29061514	0
Sep	29061514	29061514	0
Oct	29061514	29061514	0
Nov	1988708	1988708	0
Dec	1988708	1988708	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