

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

manual.calc.pop.total	model.pop.total	dil
125.5775881005	125.5775881005	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	7.733818	7.733818	0
Feb	7.733818	7.733818	0
Mar	7.733818	7.733818	0
Apr	12.415500	12.415500	0
May	12.415500	12.415500	0
Jun	12.415500	12.415500	0
Jul	12.415500	12.415500	0
Aug	12.415500	12.415500	0
Sep	12.415500	12.415500	0
Oct	12.415500	12.415500	0
Nov	7.733818	7.733818	0
Dec	7.733818	7.733818	0

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

manual.calc.pop.total	model.pop.total	dil
1.46793949302257	1.46793949302257	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.05146082	0.05146082	0
Feb	0.05146082	0.05146082	0
Mar	0.05146082	0.05146082	0
Apr	0.17294791	0.17294791	0
May	0.17294791	0.17294791	0
Jun	0.17294791	0.17294791	0
Jul	0.17294791	0.17294791	0
Aug	0.17294791	0.17294791	0
Sep	0.17294791	0.17294791	0
Oct	0.17294791	0.17294791	0
Nov	0.05146082	0.05146082	0
Dec	0.05146082	0.05146082	0

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

manual.calc.pop.total	model.pop.total	dil
0.733044084315758	0.733044084315758	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.1466088	0.1466088	0
Feb	0.1466088	0.1466088	0
Mar	0.1466088	0.1466088	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	0.1466088	0.1466088	0
Dec	0.1466088	0.1466088	0

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

manual.calc.pop.total	model.pop.total	dil
123.376604523162	123.376604523162	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	7.535748	7.535748	0
Feb	7.535748	7.535748	0
Mar	7.535748	7.535748	0
Apr	12.242552	12.242552	0
May	12.242552	12.242552	0
Jun	12.242552	12.242552	0
Jul	12.242552	12.242552	0
Aug	12.242552	12.242552	0
Sep	12.242552	12.242552	0
Oct	12.242552	12.242552	0
Nov	7.535748	7.535748	0
Dec	7.535748	7.535748	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
83509096086.8325	83509096086.8325	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	5142988717	5142988717	0
Feb	5142988717	5142988717	0
Mar	5142988717	5142988717	0
Apr	8256307500	8256307500	0
May	8256307500	8256307500	0
Jun	8256307500	8256307500	0
Jul	8256307500	8256307500	0
Aug	8256307500	8256307500	0
Sep	8256307500	8256307500	0
Oct	8256307500	8256307500	0
Nov	5142988717	5142988717	0
Dec	5142988717	5142988717	0

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

manual.calc.bac.total	model.bac.total	dil
976179762.860008	976179762.860008	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	34221444	34221444	0
Feb	34221444	34221444	0
Mar	34221444	34221444	0
Apr	115010363	115010363	0
May	115010363	115010363	0
Jun	115010363	115010363	0
Jul	115010363	115010363	0
Aug	115010363	115010363	0
Sep	115010363	115010363	0
Oct	115010363	115010363	0
Nov	34221444	34221444	0
Dec	34221444	34221444	0

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

manual.calc.bac.total	model.bac.total	dil
487474316.069979	487474316.069979	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	97494863	97494863	0
Feb	97494863	97494863	0
Mar	97494863	97494863	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	97494863	97494863	0
Dec	97494863	97494863	0



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

manual.calc.bac.total	model.bac.total	dil
82045442007.9025	82045442007.9025	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	5011272410	5011272410	0
Feb	5011272410	5011272410	0
Mar	5011272410	5011272410	0
Apr	8141297137	8141297137	0
May	8141297137	8141297137	0
Jun	8141297137	8141297137	0
Jul	8141297137	8141297137	0
Aug	8141297137	8141297137	0
Sep	8141297137	8141297137	0
Oct	8141297137	8141297137	0
Nov	5011272410	5011272410	0
Dec	5011272410	5011272410	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	1973980	1973980	0
Feb	1973980	1973980	0
Mar	1973980	1973980	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	1973980	1973980	0
Dec	1973980	1973980	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	1986787	1986787	0
Feb	1986787	1986787	0
Mar	1986787	1986787	0
Apr	29508145	29508145	0
May	29508145	29508145	0
Jun	29508145	29508145	0
Jul	29508145	29508145	0
Aug	29508145	29508145	0
Sep	29508145	29508145	0
Oct	29508145	29508145	0
Nov	1986787	1986787	0
Dec	1986787	1986787	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