

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

manual.calc.pop.total	model.pop.total	dil
80.689192644	80.689192644	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	9.120269	9.120269	0
Feb	9.120269	9.120269	0
Mar	9.120269	9.120269	0
Apr	5.012550	5.012550	0
May	5.012550	5.012550	0
Jun	5.012550	5.012550	0
Jul	5.012550	5.012550	0
Aug	5.012550	5.012550	0
Sep	5.012550	5.012550	0
Oct	5.012550	5.012550	0
Nov	9.120269	9.120269	0
Dec	9.120269	9.120269	0

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

manual.calc.pop.total	model.pop.total	dil
0.999184326559087	0.999184326559087	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.08113467	0.08113467	0
Feb	0.08113467	0.08113467	0
Mar	0.08113467	0.08113467	0
Apr	0.08478728	0.08478728	0
May	0.08478728	0.08478728	0
Jun	0.08478728	0.08478728	0
Jul	0.08478728	0.08478728	0
Aug	0.08478728	0.08478728	0
Sep	0.08478728	0.08478728	0
Oct	0.08478728	0.08478728	0
Nov	0.08113467	0.08113467	0
Dec	0.08113467	0.08113467	0

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

manual.calc.pop.total	model.pop.total	dil
1.28344290352493	1.28344290352493	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.2566886	0.2566886	0
Feb	0.2566886	0.2566886	0
Mar	0.2566886	0.2566886	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	0.2566886	0.2566886	0
Dec	0.2566886	0.2566886	0

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

manual.calc.pop.total	model.pop.total	dil
78.406565413916	78.406565413916	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	8.782445	8.782445	0
Feb	8.782445	8.782445	0
Mar	8.782445	8.782445	0
Apr	4.927763	4.927763	0
May	4.927763	4.927763	0
Jun	4.927763	4.927763	0
Jul	4.927763	4.927763	0
Aug	4.927763	4.927763	0
Sep	4.927763	4.927763	0
Oct	4.927763	4.927763	0
Nov	8.782445	8.782445	0
Dec	8.782445	8.782445	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
53658313108.26	53658313108.26	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	6064978572	6064978572	0
Feb	6064978572	6064978572	0
Mar	6064978572	6064978572	0
Apr	3333345750	3333345750	0
May	3333345750	3333345750	0
Jun	3333345750	3333345750	0
Jul	3333345750	3333345750	0
Aug	3333345750	3333345750	0
Sep	3333345750	3333345750	0
Oct	3333345750	3333345750	0
Nov	6064978572	6064978572	0
Dec	6064978572	6064978572	0

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

manual.calc.bac.total	model.bac.total	dil
664457577.161793	664457577.161793	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	53954555	53954555	0
Feb	53954555	53954555	0
Mar	53954555	53954555	0
Apr	56383543	56383543	0
May	56383543	56383543	0
Jun	56383543	56383543	0
Jul	56383543	56383543	0
Aug	56383543	56383543	0
Sep	56383543	56383543	0
Oct	56383543	56383543	0
Nov	53954555	53954555	0
Dec	53954555	53954555	0

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

manual.calc.bac.total	model.bac.total	dil
853489530.844075	853489530.844075	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	170697906	170697906	0
Feb	170697906	170697906	0
Mar	170697906	170697906	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	170697906	170697906	0
Dec	170697906	170697906	0



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

manual.calc.bac.total	model.bac.total	dil
52140366000.2541	52140366000.2541	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	5840326111	5840326111	0
Feb	5840326111	5840326111	0
Mar	5840326111	5840326111	0
Apr	3276962207	3276962207	0
May	3276962207	3276962207	0
Jun	3276962207	3276962207	0
Jul	3276962207	3276962207	0
Aug	3276962207	3276962207	0
Sep	3276962207	3276962207	0
Oct	3276962207	3276962207	0
Nov	5840326111	5840326111	0
Dec	5840326111	5840326111	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	1977960	1977960	0
Feb	1977960	1977960	0
Mar	1977960	1977960	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	1977960	1977960	0
Dec	1977960	1977960	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	1982177	1982177	0
Feb	1982177	1982177	0
Mar	1982177	1982177	0
Apr	29418819	29418819	0
May	29418819	29418819	0
Jun	29418819	29418819	0
Jul	29418819	29418819	0
Aug	29418819	29418819	0
Sep	29418819	29418819	0
Oct	29418819	29418819	0
Nov	1982177	1982177	0
Dec	1982177	1982177	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