

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

manual.calc.pop.total	model.pop.total	dil
146.797588251	146.797588251	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	12.24683	12.24683	0
Feb	12.24683	12.24683	0
Mar	12.24683	12.24683	0
Apr	12.22335	12.22335	0
May	12.22335	12.22335	0
Jun	12.22335	12.22335	0
Jul	12.22335	12.22335	0
Aug	12.22335	12.22335	0
Sep	12.22335	12.22335	0
Oct	12.22335	12.22335	0
Nov	12.24683	12.24683	0
Dec	12.24683	12.24683	0

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

manual.calc.pop.total	model.pop.total	dil
1.73136970669006	1.73136970669006	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	0.05681279	0.05681279	0
Feb	0.05681279	0.05681279	0
Mar	0.05681279	0.05681279	0
Apr	0.20675797	0.20675797	0
May	0.20675797	0.20675797	0
Jun	0.20675797	0.20675797	0
Jul	0.20675797	0.20675797	0
Aug	0.20675797	0.20675797	0
Sep	0.20675797	0.20675797	0
Oct	0.20675797	0.20675797	0
Nov	0.05681279	0.05681279	0
Dec	0.05681279	0.05681279	0

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

manual.calc.pop.total	model.pop.total	dil
6.80878697234843	6.80878697234843	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	1.361757	1.361757	0
Feb	1.361757	1.361757	0
Mar	1.361757	1.361757	0
Apr	0.000000	0.000000	NA
May	0.000000	0.000000	NA
Jun	0.000000	0.000000	NA
Jul	0.000000	0.000000	NA
Aug	0.000000	0.000000	NA
Sep	0.000000	0.000000	NA
Oct	0.000000	0.000000	NA
Nov	1.361757	1.361757	0
Dec	1.361757	1.361757	0

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

manual.calc.pop.total	model.pop.total	dil
138.257431571961	138.257431571961	0

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

Month	manual.calc.pop.total	model.pop.total	dil
Jan	10.82826	10.82826	0
Feb	10.82826	10.82826	0
Mar	10.82826	10.82826	0
Apr	12.01659	12.01659	0
May	12.01659	12.01659	0
Jun	12.01659	12.01659	0
Jul	12.01659	12.01659	0
Aug	12.01659	12.01659	0
Sep	12.01659	12.01659	0
Oct	12.01659	12.01659	0
Nov	10.82826	10.82826	0
Dec	10.82826	10.82826	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
97620396186.915	97620396186.915	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	8144140387	8144140387	0
Feb	8144140387	8144140387	0
Mar	8144140387	8144140387	0
Apr	8128527750	8128527750	0
May	8128527750	8128527750	0
Jun	8128527750	8128527750	0
Jul	8128527750	8128527750	0
Aug	8128527750	8128527750	0
Sep	8128527750	8128527750	0
Oct	8128527750	8128527750	0
Nov	8144140387	8144140387	0
Dec	8144140387	8144140387	0

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

manual.calc.bac.total	model.bac.total	dil
1151360854.94889	1151360854.94889	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	37780505	37780505	0
Feb	37780505	37780505	0
Mar	37780505	37780505	0
Apr	137494047	137494047	0
May	137494047	137494047	0
Jun	137494047	137494047	0
Jul	137494047	137494047	0
Aug	137494047	137494047	0
Sep	137494047	137494047	0
Oct	137494047	137494047	0
Nov	37780505	37780505	0
Dec	37780505	37780505	0

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

manual.calc.bac.total	model.bac.total	dil
4527843336.61171	4527843336.61171	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	905568667	905568667	0
Feb	905568667	905568667	0
Mar	905568667	905568667	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	905568667	905568667	0
Dec	905568667	905568667	0



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

manual.calc.bac.total	model.bac.total	dil
91941191995.3544	91941191995.3544	0

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

Month	manual.calc.bac.total	model.bac.total	dil
Jan	7200791215	7200791215	0
Feb	7200791215	7200791215	0
Mar	7200791215	7200791215	0
Apr	7991033703	7991033703	0
May	7991033703	7991033703	0
Jun	7991033703	7991033703	0
Jul	7991033703	7991033703	0
Aug	7991033703	7991033703	0
Sep	7991033703	7991033703	0
Oct	7991033703	7991033703	0
Nov	7200791215	7200791215	0
Dec	7200791215	7200791215	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	1993701	1993701	0
Feb	1993701	1993701	0
Mar	1993701	1993701	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	1993701	1993701	0
Dec	1993701	1993701	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