

Localisation des points début/fin					
REGION	DEPARTEMENT	ARRONDISSEMENT	VILLE	X	
ADA	Djerem	Ngaoundal	Ngaoundal	13.26667	
	Faro et Déo	Galim Tignere	Galim Tignere	12.47778	
		Mayo Baleo	Mayo Baleo	12.4403	
	Mayo-Banyo	Bankim	Bankim	11.48889	
		Mayo Darle	Mayo Darle	11.5546734	
	Mbéré	Dir	Dir	13.5390839	
		Djohong	Djohong	14.7	
		Ngaoui	Ngaoui	14.953291	
	Vina	Belel	Belel	14.432935	
		Martap	Martap	13.06395	
		Mbe	Mbe	13.593929	
		Nganha	Nganha	13.933915	
		Nyambaka	Nyambaka	14.105762	
	CEN	Haute-Sanaga	Bibe	Bibe	12.812248
			Lembe Yezoum	Lembe Yezoum	12.2865026
Mbandjock			Mbandjock	11.9085113	
Minta			Minta	12.8281355	
Nkoteng			Nkoteng	12.1199353	
Nsem			Nsem	12.9378056	
Lekié		Batchenga	Batchenga	11.633404	
		Ebebda	Ebebda	11.274327	
		Elig Mfomo	Elig Mfomo	11.373307	
		Evodoula	Evodoula	11.194706	
		Lobo	Lobo	11.228379	
		Obala	Obala	11.53333	
		Okola	Okola	11.39167	
		Sa'a	Sa'a	11.439862	
Mbam et Inoubou		Bokito	Bokito	11.11861	
		Deuk	Deuk	11.26111	
		Kiiki	Kiiki	11.159122	
		Kon-Yambetta	Kon-Yambetta	11.064989	
		Makenene	Makenene	10.78278	
		Ndikinimeki	Ndikinimeki	10.82222	
		Nitoukou	Nitoukou	10.868685	
		Ombessa	Ombessa	11.256798	
Mbam et Kim		Mbangassina	Mbangassina	11.379832	
		Ngambe Tikar	Ngambe Tikar	11.498564	
	Ngoro	Ngoro	11.391246		
	Yoko	Yoko	12.32027		
Méfou et Afamba	Afanloum	Afanloum	12.050922		
	Assamba	Assamba	12.0185829		
	Awae	Awae	11.882333		
	Edzendouan	Edzendouan	11.749021		
	Esse	Esse	11.882612		
	Nkolofamba	Nkolofamba	11.6661509		
	Soa	Soa	11.593628		

	Mefou et Akono	Akono	Akono	11.328085
		Bikok	Bikok	11.44722
		Mbankomo	Mbankomo	11.40556
	Nyong et Kéllé	Biyouha	Biyouha	10.7434935
		Bondjock	Bondjock	11.08609
		Bot Makak	Bot Makak	10.936749
		Dibang	Dibang	10.719986
		Makak	Makak	11.033863
		Matomb	Matomb	11.06667
		Messondo	Messondo	10.45556
		Ngog Mapubi	Ngog Mapubi	10.83472
	Nyong et Mfoumou	Nguibassal	Nguibassal	10.6753367
		Ayos	Ayos	12.522658
		Endom	Endom	12.10389
		Mengang	Mengang	12.05887
	Nyong et So'o	Nyakokombo	Nyakokombo	12.737119
		Akoeman	Akoeman	11.556272
		Dzeng	Dzeng	11.896757
		Mengueme	Mengueme	11.3964647
		Ngomedzap	Ngomedzap	11.200425
ENO	Diamaré	Nkolmetet	Nkolmetet	11.7737572
		Bogo	Bogo	14.57626
		Dargala	Dargala	14.592218
		Gazawa	Gazawa	14.133085
		Meri	Meri	14.119803
		Ndoukoula	Ndoukoula	14.03027
	Logone et Chari	Pette	Pette	14.4973509
		Blangoua	Blangoua	14.53007
		Darak	Darak	14.542671
		Fotokol	Fotokol	14.432078
		Goulfey	Goulfey	14.9
		Hile Alifa	Hile Alifa	14.276269
		Logone Birni	Logone Birni	15.09399
		Makari	Makari	14.432078
	Mayo Danay	Waza	Waza	14.567988
		Zina	Zina	14.96787
			Lara	14.511245
		Datcheka	Datcheka	15.111756
		Gobo	Gobo	15.43512
		Guere	Guere	15.28908
Kai kai		Kai kai	14.989025	
Kalfou		Kalfou	14.9295628	
Kar Hay		Doukoula	14.971023	
Maga		Maga	14.939338	
Tchatibali		Tchatibali	14.92223	
Mayo-Kani	Vele	Gueme	15.13675	
	Wina	Wina	15.261038	
	Guidiguis	Guidiguis	14.707244	
	Mindif	Mindif	14.443779	
	Moulvoudaye	Moulvoudaye	14.853182	

EST	Mayo-Kani	Moutourwa	Moutourwa	14.18333	
		Porhi	Porhi	14.929803	
		Taibong	Taibong	14.763005	
	Mayo-Sava	Kolofata	Kolofata	14.013594	
		Tokombere	Tokombere	14.1471	
	Mayo-Tsanaga	Bourrah	Bourraha	13.511711	
		Hina	Hina	13.851283	
		Koza	Koza	13.907936	
		Mayo Moskota	mozogo	13.9089961	
		Mogode	Mogode	13.572226	
		Soulede Roua	Roua	13.99082	
		Soulede Roua	Souledé	13.9127179	
	EST	Boumba et Ngoko	Gari Gombo	Gari Gombo	15.113454
			Moloundou	Moloundou	15.21667
			Salapoumbe	Salapoumbe	15.386345
		Haut-Nyong	Bebeng	Atok	12.760937
			Dimako	Dimako	13.576958
Dja			Dja	13.4050529	
Doume			Doume	13.452843	
Doumetang			Doumaitang	13.1038614	
Lomie			Lomie	13.621037	
Mboma			Mboma	12.94014	
Mbouanz			Angossas	12.9885553	
Messamena			Messamena	12.82923	
Messok			Messok	14.0746	
Ngoyla			Ngoyla	14.024607	
Nguelemendouka			Nguelemendouka	12.9233794	
Somalomo	Somalomo	12.7329			
Kadeï	Bombe	Bombe	14.946291		
	Kette	Kette	14.55		
	Mbang	Mbang	14.263992		
	Mbotoro	Mbotoro	14.542519		
	Ndelele	Ndelele	14.92287		
	Ndem Nam	Ndem Nam	14.049661		
Lom et Djérem	Belabo	Belabo	13.290111		
	Betare Oya	Betare Oya	14.082645		
	Garoua Boulai	Garoua Boulai	14.546986		
	Mandjou	Mandjou	13.7391869		
	Ndiang	nDiang	13.345181		
	Ngoura	Ngoura	14.28391		
Moungo	Bare Bakem	Baré	9.9653		
	Bonaléa	Bonaléa	9.738673		
	Dibombari	Dibombari	9.65579		
	Loum	Loum	9.722252		
	Manjo	Manjo	9.82778		
	Mbanga	Mbanga	9.56667		
	Melong	Melong	9.95528		
	Mombo	Mombo	9.564267		
	Njombe Penja	Njombe Penja	9.67836		
	Nlonako	ebone	9.8991		

LIT	Nkam	Nkondjock	Nkondjock	10.228467	
		Nord Makombe	Ndobian	10.3377692	
		Yingui	Yingui	10.294017	
	Sanaga Maritime	Dibamba	Log Badjeck	10.0688078	
		Dizangue	Dizangue	9.985882	
		Massok Song Loulou	Massok	10.469865	
		Mouanko	Mouanko	9.792436	
		Ndom	Ndom	10.818793	
		Ngambe	Ngambe	10.603481	
		Ngwei	Ngwei	10.4467331	
Nyanon		Nyanon	10.955636		
Pouma	Pouma	10.525			
NOR	Bénoué	Bacheo	Bacheo	13.385677	
		Bibemi	Bibemi	13.866853	
		Dembo	Dembo	13.553209	
		Demsa	Demsa	13.233333	
		Lagdo	Lagdo	13.696658	
		Mayo Hourna	Bardanké	12.9738636	
		Pitoa	Pitoa	13.553571	
		Tcheboa	Tcheboa	13.1854	
		Touroua	Touroua	12.97128	
	Faro	Beka	Beka	12.9	
		Kontcha	Kontcha	12.2367283	
	Mayo-Louti	Figuil	Figuil	13.962349	
		Mayo Oulo	Mayo oulo	13.615809	
	Mayo-Rey	Madingring	Madingring	15.0053432	
		Rey Bouba	Rey Bouba	14.18333	
		Touboro	Touboro	15.347024	
	NOU	Boyo	Belo	Belo	10.352284
			Bum	Bum	10.45836
Njinikom			Njinikom	10.343248	
Bui		Jakiri	Jakiri	10.637965	
		Mbven	Mbiame	10.867308	
		Nkum	Nkum	10.6667	
		Noni	Noni	10.632933	
		Oku	Oku	10.520511	
Donga-Mantung		Ako	Ako	10.71667	
		Misaje	Misaje	10.5493403	
		Ndu	Ndu	10.79407	
Menchum		Nwa	Nwa	11.0775	
		Fungom	Zhoa	10.1692	
		Furu Awa	Furu Awa	10.17897	
Mezam		Menchum Valley	Benakuma	9.917302	
		Bafut	Bafut	10.152976	
		Bali	Bali	10.012452	
		Santa	Santa	10.158113	
Momo		Tubah	Tubah	10.228138	
		Batibo	Batibo	9.902115	
	Ngie	Ngie	9.863402		
		Njikwa	Njikwa	9.83276	

		Widikum-Menka	Widikum	9.783296
	Ngo-Ketunjia	Babessi	Babessi	10.596611
		Balikumbat	Balikumbat	10.401115
OUE	Bamboutos	Babadjou	Babadjou	10.192864
		Batcham	Batcham	10.20694
		Galim	Galim	10.367303
	Haut-Nkam	Bakou	Bakou	10.193375
		Bana	Bana	10.27361
		Bandja	Bandja	10.22639
		Banka	Banka	10.19699
		Banwa	Banwa	10.080395
		Kekem	Kekem	10.0186
	Hauts-Plateaux	Bamendjou	Bamendjou	10.33333
		Bangou	Bangou	10.4
		Batie	Batie	10.322826
	Koung-Khi	Bayangam	Bayangam	10.454997
		Djebem	Djebem meguè	10.4548
	Menoua	Fokoue	Fokoue	10.12361
		Fongo Tongo	Fongo Tongo	10.028322
		Nkongni	Nkongni	10.135773
		Penka Michel	Penka Michel	10.241305
		Santchou	Santchou	9.975
	Ndé	Bassamba	Bassamba	10.588235
		Bazou	Bazou	10.463725
		Tonga	Tonga	10.7
	Noun	Bangourain	Bangourain	10.65637
		Foumbot	Foumbot	10.63472
		Kouoptamo	Kouoptamo	10.5841393
		Koutaba	Koutaba	10.8029953
		Magba	Magba	11.22515
Malantouen		Malantouen	11.11806	
Massagam		Massagam	11	
Njimom		Njimom	11.097044	
SOU	Fako	Muyuka	Muyuka	9.407803
		Tiko	Tiko	9.3649
		West-Coast	Idenao	8.984155
			Mutenguéné	9.3168721
	Kupé-Manengumba	Nguti	Nguti	9.422772
		Tombel	Tombel	9.679739
	Lebialem	Alou	Alou	9.8968677
		Wabane	Wabane	9.9844808
	Manyu	Akwaya	Akwaya	9.540531
		Eyumodjock	Eyumodjock	8.9839977
		Upper Bayang	Tinto	9.58914
		Konye	Konye	9.4768
Mbongé		Mbongé	9.109089	
Ndian	Bamuso	Bamuso	8.9027	
	Dikome Value	Dikome Value	9.214038	
	Ekondo Titi	Ekondo Titi	9.038715	
	Idabato	Idabato	8.5042929	

SUD		Isanguele	Isanguele	8.665019
		Kombo Abedimo	Kombo Abedimo	8.5208811
		Kombo Etindi	Kombo etindi	8.759773
		Toko	Toko(boa yengue)	9.134
	Dja et Lobo	Bengbis	Bengbis	12.4455776
		Djoum	Djoum	12.68333
		Meyomessala	Meyomessala	12.238709
		Meyomessi	Meyomessi	12.2067672
		Mintom 2	Mintom	13.2794926
		Oveng	Oveng	12.26111
		Zoetele	Zoetele	11.886576
	Mvila	Biwong Bane	Biwong Bane	11.15
		Biwong Bulu	Biwong Bulu	11.3656982
		Efoulan	Efoulan	10.9209164
		Mengong	Mengong	11.40278
		Mvangan	Mvangan	11.740018
		Ngoulemakong	Ngoulemakong	11.42222
	Océan	Akom 2	Akom 2	10.55
		Bipindi	Bipindi	10.396485
		Campo	Campo	9.8287297
		Fifinda	Fifinda	10.07969
		Lokoundje	Lokoundjé	9.93583
		Lolodorf	Lolodorf	10.725
		Mvengue	Mvengue	10.96944
		Nye'ete	Nye'ete	10.016894
	Vallée du Ntem	Kye Ossi	Kye Ossi	11.33694
		Ma'an	Ma'an	10.63333
		Olamze	Olamze	11.09167

**Coordonnées (Longitude/latitude)**

Y	XM	YM
6.46667	1476838.94447041	716590.648561446
7.1	1389020.11583124	787121.301962676
7.5674517	1384847.86576908	839241.623209534
6.08194	1278937.37122228	673789.558391838
6.5016497	1286260.31909626	720483.78556377
6.3285253	1507163.95004651	701218.369476
6.83333	1636396.50130366	757412.167409921
6.7420692	1664592.72199342	747248.873268499
7.050428	1606666.9704005	781597.295535985
6.899552	1454272.26174957	764788.237885897
7.858857	1513269.25861351	871761.67729304
7.435156	1551116.30474647	824485.117754214
6.884669	1570246.23418639	763130.424130251
4.8687837	1426252.93218346	539020.031952915
4.241867	1367727.25759076	469476.174826385
4.4474932	1325649.37172125	492279.529087761
4.5603581	1428021.56289485	504798.678514016
4.5013956	1348980.9873	499421.3093
4.8928685	1440229.97590293	541693.041148999
4.297041	1295024.60502035	475594.212083328
4.361673	1255052.34067753	482761.563638071
4.14027	1266070.72606513	458211.630790035
4.092491	1246188.98931219	452914.658255325
3.895414	1249937.4460729	431069.242730413
4.16667	1283884.43165703	461138.578350904
4.01944	1268114.91259125	444816.55144627
4.36158	1273479.59477489	482751.260221451
4.571528	1237718.01243522	506037.778955892
4.93333	1253581.02651493	546183.69659842
4.698066	1242227.7742879	520076.154208999
4.829627	1231748.95892495	534674.521151956
4.8925	1200333.59229488	541652.086562621
4.75556	1204724.01074787	526455.483719959
4.639333	1209896.49315148	513559.870966854
4.601818	1253101.00796507	509397.988175085
4.563346	1266797.08574256	505130.14161895
5.751166	1280014.30714567	637015.907158165
4.960393	1268067.70422159	549187.511234548
5.537075	1371486.17393082	613226.075489914
4.162663	1341502.48727184	460694.335681827
3.9658828	1337902.54852297	438879.910123735
3.903818	1322735.27680794	432000.695508095
4.1928529	1307895.01722906	464041.570966358
4.08885	1322766.33494587	452511.011446322
3.8545219	1298669.98883814	426537.134463636
3.969862	1290596.75650177	439320.964114555

3.501297	1261036.66276916	387397.782901006
3.625	1274298.68804092	401103.020993095
3.78333	1269661.12696003	418647.38784951
3.8205621	1195960.28587401	422773.477727831
3.62406	1234097.87587795	400998.870789488
4.011256	1217473.31625616	443909.352552588
3.99705	1193343.38728444	442334.643724044
3.547452	1228283.99283228	392511.147355766
3.81667	1231936.06917786	422342.169134938
3.69167	1163907.60625358	408490.251842974
3.94583	1206115.49547723	436657.202085419
3.668133	1188373.08334001	405882.211966401
3.90459	1394015.90748628	432086.251731608
3.503334	1347398.88477686	387623.461604726
3.89104	1342387.26349022	430584.463988979
4.026947	1417889.59680131	445648.69682545
3.164731	1286438.33232037	350118.287720158
3.762672	1324340.92242646	416358.116152555
3.2436959	1268648.67173849	358863.656357138
3.264247	1246825.62102726	361139.774756278
3.4318443	1310648.65177556	379703.801202692
10.740704	1622621.83641845	1194756.72895237
10.530309	1624398.28175809	1171080.39430087
10.535263	1573287.80772778	1171637.69554344
10.779378	1571809.28006218	1199110.629963
10.273413	1561842.50318742	1142193.34086154
10.9719873	1613837.7133611	1220802.9291438
12.728508	1617480.01140261	1419323.12204987
12.840913	1618882.71713664	1432072.37447093
12.562498	1606571.59186079	1400504.30028139
12.38333	1658660.41727345	1380207.70550341
12.672597	1589227.00441421	1412983.69087561
11.784657	1680255.28083967	1312489.5859013
12.562498	1606571.59186079	1400504.30028139
11.396899	1621700.99268505	1268709.05334622
11.2638	1666215.68001915	1253695.32120166
10.1671058	1615384.40863008	1130246.47946567
10.011144	1682232.9829131	1112726.62557336
10.00986	1718229.68537566	1112582.41759914
10.06537	1701972.61365688	1118817.08076337
10.675223	1668570.64829966	1187386.19880487
10.2850575	1661951.33756865	1143502.25342803
10.116963	1666566.65701528	1124612.76257766
10.833396	1663039.49449671	1205192.89423573
10.0493401	1661135.04955378	1117016.55372643
10.500681	1685015.31117155	1167747.6077147
10.026142	1698850.97023215	1114411.04486323
10.134959	1637202.93086443	1126634.56395647
10.398713	1607874.1100531	1156279.88508559
10.415098	1653448.66135348	1158122.34324162



10.2	1578881.07780659	1133942.69565631
10.283975	1661978.06760478	1143380.52563553
10.028619	1643410.19027387	1114689.23711201
11.160346	1559986.14826451	1242030.43861
10.8679	1574847.96820237	1209078.51791491
10.251606	1504116.8060778	1139742.32345994
10.370419	1541917.76594157	1153098.50092896
10.852833	1548224.37131739	1207381.70263832
10.9684524	1548342.35216651	1220404.6831586
10.607143	1510853.2961576	1179724.82134174
10.778733	1557450.96263396	1199038.00781567
10.7563283	1548756.68776402	1196515.60387957
3.929188	1682422.01676681	434812.611500799
2.04167	1693911.96487575	225804.616649842
2.584063	1712800.08166499	285829.113279156
3.977372	1420540.99998025	440153.408432322
4.378272	1511380.04217691	484602.407525737
3.5638501	1492243.66065931	394327.896793343
4.239325	1497563.61912432	469194.315597605
4.3403512	1458715.1383994	480396.999275745
3.165443	1516286.90736993	350197.14771933
4.226162	1440489.78223611	467734.797771135
4.0756573	1445879.31093008	451048.444446268
3.736401	1428143.35087056	413446.892761347
3.0853	1566777.30066707	341322.019806481
2.624955	1561212.12317496	290355.442066532
4.3916396	1438623.96960926	486084.963552622
3.3806	1417419.95768077	374027.375955263
4.238772	1663813.50336898	469132.993328853
4.88333	1619698.60440134	540634.360108818
3.967774	1587860.32612018	439089.52586073
5.190081	1618865.8054796	574686.414661447
4.045485	1661206.30293345	447703.700316627
4.271527	1564001.10388617	472764.997511075
4.922946	1479448.38910688	545031.188700493
5.600886	1567672.85706494	620315.84251679
5.894794	1619363.05628663	652980.961531798
4.5928073	1529439.28739605	508398.337541156
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5.046917	1590077.59664336	558791.929723513
5.0068	1109332.12605558	554338.661526667
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4.718763	1082276.15981558	522372.560573559
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5.12361	1108216.71811617	567306.159045256
4.566803	1064689.31889314	505513.620037969
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4.8775	1101962.77131229	539987.337431762

4.839865	1138627.72467807	535810.667144571
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4.528062	1145924.74401626	501216.158632514
3.9663404	1120854.57500306	438930.570249563
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4.132807	1165500.0271166	457384.228569766
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9.722203	1508736.33340118	1080291.11132218
9.53333	1473127.87770028	1059104.277433
9.061352	1524704.98522488	1006211.53873659
9.3450863	1444243.92964918	1037999.83101833
9.419349	1508776.60879295	1046324.23433752
9.0272	1467792.00945364	1002387.03803377
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7.9738112	1362186.32548374	884596.545725328
9.760902	1554281.58986437	1084633.67259575
9.966494	1515704.93797762	1107712.48880015
8.4544172	1670387.12858097	938297.554572467
8.67222	1578881.07780659	962656.106937298
7.7689218	1708422.88796751	861722.721674448
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6.617744	1164219.30973337	733406.50208207
6.231885	1151405.08269804	690467.083063777
6.08446	1184212.85578286	674069.803352252
6.192856	1209743.20621266	686125.657756837
6.2	1187411.60353969	686920.296308004
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6.81667	1192974.25630575	755556.675531505
6.585618	1174347.14810018	729830.180193933
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6.46161	1233141.64590481	716027.527981059
6.5314	1132030.17468112	723795.0485717
6.917914	1133117.77055895	766833.635483822
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6.100688	1130224.11390415	675874.535458643
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5.834957	1130795.98439226	646329.239180639
6.011998	1138591.09611282	666011.913747727
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6.11782	1094577.8273875	677779.850434841

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6.040562	1179609.35846615	669188.136231425
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5.697596	1154082.89531298	631062.365840863
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5.15556	1143653.05162042	570853.463961245
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5.16379	1135123.72551915	571767.239503834
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5.32734	1163823.00789336	589928.735178636
5.36667	1126955.11464308	594296.885595227
5.520014	1116347.69855158	611330.625487078
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5.067476	1164816.54770703	561074.226186778
4.96667	1191118.54258311	549884.237433953
5.90177	1186261.69101091	653756.48794266
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5.96572	1249581.55270688	660863.482166017
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5.856347	1235317.27848566	648706.956840779
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6.383087	1062047.05281801	707289.333870158
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5.5454499	1067458.18194598	614156.531805641
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4.557447	1014019.14907115	504475.765052661
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4.7400074	1025702.01831042	524729.731188174
4.599874	1006185.1645844	509182.313949401
4.5345608	946693.561864529	501937.058998962

4.768207	964585.493888999	527858.840950607
4.6603453	948540.138483368	515891.033924425
4.667031	975133.478730749	516632.840062704
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3.081955	1362406.85830057	340951.595039081
2.8169821	1358851.08222009	311612.984895803
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3.14444	1241212.31344011	347871.186293165
2.786853	1265223.70051247	308277.448074676
3.0015788	1215710.81702233	332051.376214188
2.93611	1269351.66768119	324802.334708321
2.650867	1306892.82121179	293223.737876653
3.08056	1271515.71858221	340797.123506711
2.81667	1174420.64568079	311578.447524419
3.068657	1157331.41624053	339479.04349023
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3.23333	1193901.55211684	357715.572750293
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