算法设计与分析——第二章作业

---学院 班级: ------ 姓名: ------ 学号: -------

● 运行结果:

一、 合并排序

enodebid	longitude	latitude	k dist
568030	102.676	25.01015	103.075
566670	102.72	25.04582	103.783
567387	102.71	24.99887	107.679
566310	102.711	25.0404	121.091
567883	102.741	25.05223	126.096
566449	102.707	25.04081	128.825
33635	102.701	25.0452	136.177
566714	102.742	25.05291	148.4
567074	102.722	25.09639	161.289
566492	102.71	25.04122	161.578
33246	102.728	25.06391	171.394
33069	102.718	25.07053	173.016
567759	102.741	25.05323	183.765
33158	102.753	25.03358	188.45
565672	102.712	25.04064	189.012
567605	102.722	25.03837	190.333
565623	102.731	25.01009	195.087
567760	102.74	25.05134	195.452
567603	102.724	25.07704	196.968
569113	102.721	25.03847	197.559
566805	102.72	25.03694	197.559
567759	102.74	25.05236	198.127
565820	102.729	25.04168	198.899
567440	102.747	25.08878	200.609
568112	102.748	25.08722	200.609
566054	102.71	25.03491	201.75
566958	102.754	25.03501	201.965
567610	102.726	25.02076	202.631
33099	102.735	25.0499	202.746
568046	102.721	25.09686	202.774
568182	102.679	25.0538	203.213
566623	102.739	25.04984	203.67
566657	102.737	25.05009	203.67
567129	102.697	25.04751	203.713
568177	102.758	25.0007	204.172
565695	102.706	25.03921	204.684
566803	102.741	25.05394	205.009
568184	102.677	25.05402	203.213
565957	102.71	25.03328	206.113
566739	102.739	25.05427	206.125
567389	102.741	25.05389	206.125
565366	102.696	25.0491	206.318
33113	102.743	25.07581	206.464
568175	102.721	25.02431	206.595

		Γ	
567442	102.699	25.0478	206.923
566724	102.726	25.06952	207.014
566769	102.728	25.06994	207.014
565051	102.713	25.0392	207.063
568074	102.753	25.03525	208.475
567609	102.738	25.04096	207.314
566475	102.708	25.03916	209.546
565601	102.722	25.00624	209.559
566403	102.678	25.05546	210.516
565450	102.721	25.00761	211.509
568172	102.726	25.02589	212.159
566788	102.737	25.05893	212.472
565587	102.7	25.0438	212.478
567059	102.709	25.04235	212.48
565660	102.724	25.02648	212.484
565632	102.723	25.02816	212.484
565052	102.698	25.04949	213.456
566320	102.7	25.03926	213.46
568186	102.728	25.04806	213.947
567890	102.722	25.02713	214.319
32775	102.684	25.06	446.98
566414	102.694	25.05383	214.436
566674	102.717	25.06995	215.521
567091	102.719	25.06927	215.521
565367	102.693	25.05213	217.036
566796	102.701	25.04095	217.053
566447	102.699	25.04023	217.053
566324	102.699	25.04212	217.465
566328	102.711	25.04295	217.788
566722	102.732	25.08386	218.327
566798	102.759	25.04389	218.432
567058	102.712	25.04949	226.21
33153	102.737	25.01661	218.773
566598	102.741	25.04609	218.872
567884	102.735	25.059	219.362
567133	102.736	25.05725	219.362
565477	102.725	25.04138	219.368
566592	102.729	25.06515	219.57
32788	102.715	24.98496	220.379
566314	102.702	25.04461	220.944
568120	102.728	25.04014	221.406
565356	102.7	25.04602	222.139
566624	102.733	25.06489	222.156
566474	102.71	25.0398	222.286
566306	102.714	25.04857	223.745

566658	102.744	25.05438	225.316
565365	102.694	25.0496	225.317
566354	102.695	25.05141	225.317
566368	102.678	25.05902	227.308
566343	102.677	25.05719	227.308
568173	102.723	25.02391	229.318
565395	102.724	25.02206	229.318
565829	102.704	25.02925	229.339
567538	102.719	25.04432	229.904
567088	102.721	25.04333	229.904
567306	102.752	25.02722	230.116
566415	102.708	25.0463	230.814
567589	102.722	25.07805	230.878
565625	102.73	25.00758	230.979
567760	102.74	25.05185	233.506
568849	102.721	25.0456	233.518
566603	102.722	25.04371	233.518
568471	102.721	25.0456	233.518
565970	102.678	25.00308	233.744
565969	102.68	25.00414	233.744
568064	102.756	25.0351	233.755
567098	102.725	25.02284	234.28
566423	102.712	25.04485	234.322
33164	102.724	25.02093	235.335
567515	102.746	25.08833	236.543
33075	102.76	25.07573	236.825
567457	102.706	25.04028	236.96
33070	102.731	25.05725	237.699
33186	102.691	25.03239	238.147
565857	102.682	25.01033	238.354
565981	102.68	25.01147	238.354
565448	102.723	25.00818	238.361
568179	102.688	25.05253	238.891
565832	102.709	25.03586	239.259
566342	102.697	25.04139	239.505
566483	102.709	25.05806	239.554
565638	102.721	25.01997	238.399
567232	102.711	25.05806	239.857
566451	102.71	25.06001	239.857
567138	102.719	25.03528	239.995
566262	102.711	25.0527	240.819
566631	102.746	25.04646	241.075
566535	102.734	25.0404	242.493
565368	102.689	25.05273	243.603
567443	102.746	25.05331	244.28
567260	102.748	25.05207	244.28
566655	102.727	25.06794	244.408
568174	102.717	25.02972	244.437
33155	102.738	25.0182	244.703
33116	102.751	25.07364	245.008
33117	102.734	25.0486	245.042
566645	102.739	25.04341	246.549
507004	102.700		
567081	102.74	25.04139	246.549
33100		25.04139 25.06593	246.549 246.947
	102.74		

567003	102.694	25.04531	248.898
566298	102.708	25.02891	249.574
32777	102.706	25.03023	249.574
33159	102.748	25.02715	250.102
567002	102.746	25.02848	250.102
32841	102.719	25.02111	250.176
33067	102.707	25.0186	250.524
566648	102.712	25.06329	251.245
567076	102.723	25.03982	251.542
567744	102.72	25.03056	252.05
566472	102.686	25.05138	238.891
565523	102.719	25.02848	252.05
568114	102.734	25.0825	252.151
566717	102.725	25.07856	252.158
565964	102.711	24.99689	253.606
567526	102.713	24.99827	253.606
565728	102.732	25.00897	254.268
567646	102.752	25.03361	254.845
566309	102.708	25.03781	254.975
567422	102.719	25.09667	255.447
567467	102.721	25.09526	255.447
567469	102.735	25.0819	255.609
565755	102.733	25.02196	255.61
565749	102.735	25.02337	255.61
567191	102.727	25.0772	252.158
567498	102.714	25.06194	256.025
32789	102.728	25.00667	256.042
33094	102.716	25.04806	257.297
566442	102.714	25.04662	257.297
567116	102.706	25.02066	257.676
566082	102.705	25.01853	257.676
33192	102.709	24.98496	257.722
565773	102.733	24.99605	258.403
566716	102.717	25.05784	258.689
566895	102.74	25.03019	267.952
566416	102.685	25.05222	259.026
567875	102.708	25.0329	259.722
567111	102.709	25.03075	259.722
565745	102.721	25.02244	259.764
567139	102.744	25.02922	261.57
567072	102.693	25.04028	261.647
566393	102.691	25.03878	261.647
568061	102.745	25.03139	263.438
566259	102.701	25.04822	264.135
566768	102.741	25.07621	266.7
567109	102.702	25.02768	266.91
566678	102.713	25.05983	266.912
567342	102.751	25.08444	267.11
566289	102.714	25.04328	267.256
565440	102.714	25.02333	267.646
567709	102.731	25.02333	267.646
565906	102.733	25.02491	267.040
566993	102.000	25.04449	268.978
567238	102.747	25.04449	268.978
565830	102.746	25.04673	269.102
567073	102.689	25.05861	269.589

567063	102.691	25.057	269.589
565562	102.721	25.00459	269.139
568109	102.733	25.07525	270.001
32778	102.709	24.99853	271.965
566725	102.759	25.07765	272.018
566741	102.736	25.09703	272.742
33132	102.693	25.05319	273.544
565382	102.691	25.05485	273.544
565578	102.769	25.01036	273.596
567193	102.728	25.07907	274.136
565420	102.706	25.04153	274.312
32776	102.704	25.0432	274.312
32997	102.736	25.00639	274.961
566794	102.724	25.0721	275.174
566601	102.724	25.05235	275.813
565370	102.687	25.0493	275.818
566804	102.742	25.04308	275.826
566801	102.755	25.07842	275.857
566662	102.728	25.07489	276.209
565407	102.693	25.05614	276.215
566628	102.723	25.07573	277.245
33636	102.7	25.0228	277.985
567474	102.698	25.02108	277.985
566711	102.698	25.05638	278.022
568102	102.726	25.0475	278.877
566004	102.677	25.04196	278.881
566712	102.679	25.04369	278.881
567553	102.735	25.09854	279.313
567267	102.753	25.085	279.317
32881	102.685	25.0475	279.329
568850	102.734	25.00471	279.342
33566	102.733	25.00237	279.342
565457	102.738	25.01349	279.687
568116	102.725	25.08389	279.755
567328	102.739	25.08912	279.94
565593	102.734	25.00464	280.313
568118	102.737	25.09	280.368
565505	102.739	25.01585	280.376
566639	102.718	25.0557	280.564
33108	102.716	25.05395	280.564
567077	102.726	25.07035	280.622
567591	102.736	25.07486	281.295
566486	102.711	25.03744	281.409
568099	102.728	25.05093	281.577
566637	102.73	25.04917	281.577
565691	102.732	25.00657	289.107
567618	102.728	25.00144	281.869
565912	102.687	25.03651	282.292
566095	102.692	25.02851	282.771
566615	102.72	25.06447	283.51
568113	102.748	25.09116	283.89
567231	102.719	25.06508	285.042
566666	102.718	25.06268	285.042
566669	102.732	25.04735	285.491
566737	102.731	25.08485	285.557
567245	102.73	25.08245	285.557

567264	102.723	25.04131	285.882
566293	102.714	25.04479	285.888
566650	102.716	25.04661	285.888
566652	102.738	25.04766	288.486
567212	102.685	25.03828	288.592
567125	102.726	25.073	291.43
565721	102.731	25.01599	291.497
566363	102.761	25.06599	292.245
565757	102.715	25.02998	292.562
33133	102.693	25.04713	292.662
565677	102.784	25.00093	292.78
565445	102.727	25.0204	292.879
566280	102.709	25.05152	293.715
567291	102.749	25.08686	293.834
33114	102.742	25.07373	293.909
565828	102.713	25.03191	294.709
566963	102.754	25.03168	294.788
566757	102.735	25.08825	294.846
567470	102.734	25.08576	294.846
565804	102.737	25.04005	295.513
566944	102.735	25.03811	295.513
566065	102.712	25.02957	297.061
565681	102.758	24.99004	297.071
567135	102.727	25.04636	297.136
565559	102.721	24.98533	297.202
565558	102.723	24.98729	297.202
567315	102.738	25.00442	297.836
565877	102.703	25.02029	298.11
33184	102.702	25.02281	298.11
567865	102.678	25.00506	298.114
566865	102.69	25.03229	299.611
567694	102.69	25.02781	300.44
566005	102.686	25.01923	301.275
567492	102.698	25.03638	302.167
565436	102.736	25.03555	302.3
566260	102.698	25.0514	302.544
565455	102.76	25.06403	302.585
567041	102.763	25.06409	302.585
566003	102.681	25.04055	302.62
565868	102.678	25.0406	302.62
567355	102.743	25.01111	302.645
565608	102.73	25.0024	302.682
565894	102.708	24.98295	302.713
565865	102.711	24.98294	302.713
566671	102.743	25.04148	302.733
566742	102.749	25.05319	302.823
567099	102.74	25.03313	302.843
567409	102.688	25.05472	302.869
565994	102.687	25.03241	302.884
566965	102.007	25.03839	302.911
566081	102.775	24.9962	302.973
566399	102.688	25.05717	303.065
566597	102.000	25.03717	303.003
565720	102.724	24.9946	303.146
565774	102.735	25.01158	303.16
565780	102.74	25.01175	303.232

567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565607 102.74 25.01954 303.439 565608 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.091 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.752 25.07616 304.537 566595 <th>565463</th> <th>102.742</th> <th>25.01567</th> <th>303.293</th>	565463	102.742	25.01567	303.293
567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565461 102.743 25.01934 303.439 565607 102.74 25.01954 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01448 303.76 5680661 102.742 25.02448 304.091 566614 102.723 25.0698 304.091 566614 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.722 25.03693 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.752 25.07601 304.513 566459 <td></td> <td></td> <td></td> <td></td>				
565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565461 102.743 25.01934 303.439 565607 102.74 25.01954 303.439 566608 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.76 568066 102.742 25.01248 303.409 5665393 102.712 25.0698 304.099 566614 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04944 304.637 5667251				
565732 102.761 24.98979 303.432 565461 102.743 25.01934 303.439 565607 102.74 25.01954 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566605 102.722 25.03693 304.099 566605 102.721 25.03693 304.134 33077 102.719 25.03721 304.141 565965 102.683 25.02012 304.267 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.681 566682 102.716 25.04944 304.637 565864 102.75 25.07566 305.024 565868				
565461 102.743 25.01934 303.439 565607 102.74 25.01954 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567501 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 56682 102.716 25.04944 304.637 565861 102.693 25.03125 304.681 566764<				
565607 102.74 25.01954 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.03693 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04964 279.329 567415 102.745 25.04964 304.637 566682 102.716 25.04944 304.637 565661 102.75 25.07566 305.024 565862<			25.01934	
566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.074944 304.637 566682 102.715 25.04984 279.329 56764 102.75 25.07566 305.024 565861 102.693 25.04555 305.403 565369 102.687 25.04555 305.403 565360				
33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565682 102.76 25.07566 305.024 565682 102.76 25.00455 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.02532 306.03 565526 </td <td></td> <td>_</td> <td></td> <td></td>		_		
565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 56682 102.716 25.04944 304.637 56682 102.763 25.07566 305.024 565864 102.687 25.07566 305.024 565886 102.687 25.04555 305.403 565360 102.748 25.07737 305.446 565360<				303.618
568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 56682 102.716 25.04944 304.637 565951 102.693 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565360 102.748 25.07451 305.494 565850 102.678 25.02532 306.03 565976<	565729			
565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.637 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565882 102.76 25.00455 305.403 565862 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.678 25.01278 305.895 565526	568066		25.01248	303.815
566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.637 56682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565882 102.76 25.00455 305.403 565862 102.687 25.04761 305.403 565369 102.689 25.04761 305.403 565360 102.678 25.01278 305.895 565526 102.678 25.01278 306.03 565976<				
566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.02532 306.03 565976 102.732 25.0858 306.116 566028 102.685 25.02295 307.03 566584	566614			
33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565882 102.76 25.00455 305.403 565369 102.687 25.04555 305.403 565360 102.748 25.00737 305.446 565850 102.688 25.01278 305.895 565526 102.732 25.05858 306.116 566028 102.678 25.02293 306.294 565861 102.688 25.02295 307.03 56652				
33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.493 565360 102.748 25.0737 305.494 565850 102.678 25.01278 305.895 565526 102.732 25.05858 306.116 566028 102.685 25.02293 306.294 565861 102.688 25.0311 307.082 56586	33077			
565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.732 25.05858 306.116 566028 102.688 25.02209 306.294 565861 102.688 25.02295 307.03 566981 102.689 25.0311 307.082 5679	33078	102.757	25.07601	
567303 102.769 24.98569 304.305 567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.732 25.05858 306.116 566028 102.678 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02295 307.03 565489 102.752 25.02295 307.03 56590	565965		25.02012	304.267
567510 102.714 24.99719 304.513 566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.685 25.02295 307.03 566058 102.688 25.02295 307.03 5665489 102.752 25.02295 307.03 5665489 102.699 25.0311 307.082 5679		102.769		
566459 102.684 25.04984 279.329 567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02295 307.03 566058 102.696 25.03157 307.082 565903 102.699 25.03157 307.082 567010 102.756 25.02861 307.03 567205 102.68 25.02566 307.139 33162				
567415 102.745 25.07616 304.537 566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02295 307.03 565489 102.752 25.02295 307.03 565903 102.699 25.03157 307.082 567903 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 </td <td></td> <td></td> <td></td> <td></td>				
566682 102.716 25.04944 304.637 565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.732 25.05858 306.13 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02295 307.03 566058 102.696 25.03157 307.082 565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.03 567205 102.68 25.02556 307.139 33162 102.757 24.97146 307.228 565634 </td <td>567415</td> <td></td> <td></td> <td></td>	567415			
565951 102.693 25.03125 304.681 566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02295 307.03 565489 102.752 25.02295 307.082 565903 102.699 25.03157 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02566 307.03 567205 102.68 25.00288 307.298 565634 102.73 25.02088 307.299 568176<	566682			
566764 102.75 25.07566 305.024 565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02981 306.502 565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 </td <td>565951</td> <td></td> <td></td> <td></td>	565951			
565682 102.76 25.00045 305.166 568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02981 306.502 565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 567903 102.699 25.03157 307.082 567093 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 36624 102.752 24.97146 307.228 565634 102.752 24.97146 307.228 565634 102.74 25.0111 307.341 565905<				
568864 102.687 25.04555 305.403 565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02981 306.502 565489 102.752 25.02295 307.03 565903 102.696 25.03157 307.082 567903 102.699 25.0311 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.75 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 <td></td> <td></td> <td></td> <td></td>				
565369 102.689 25.04761 305.403 565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02295 307.03 565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 567903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.594 567199 <td></td> <td></td> <td></td> <td></td>				
565360 102.748 25.00737 305.446 565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02295 307.03 565489 102.752 25.02295 307.03 565903 102.696 25.03157 307.082 567903 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 56610 102.721 25.06708 307.594 567481 102.694 24.99722 307.802 567199				
565850 102.678 25.01278 305.895 565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02981 306.502 565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.594 567199 102.684 25.02469 307.979 566735 <td></td> <td></td> <td></td> <td></td>				
565526 102.736 25.02532 306.03 565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02981 306.502 565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.757 24.97146 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567199 102.684 25.02469 307.979 566735 <td></td> <td></td> <td></td> <td></td>				
565976 102.732 25.05858 306.116 566028 102.685 25.02209 306.294 565861 102.688 25.02981 306.502 565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565955 102.763 25.00639 307.79 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566684	565526	102.736	25.02532	
565861 102.688 25.02981 306.502 565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.979 567481 102.694 24.99722 307.802 5677199 102.684 25.02469 307.979 566634 102.775 25.07291 307.979 566684 102.732 25.04388 308.048 566651 </td <td>565976</td> <td></td> <td>25.05858</td> <td>306.116</td>	565976		25.05858	306.116
565489 102.752 25.02295 307.03 566058 102.696 25.03157 307.082 565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565955 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.979 566735 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566791 102.742 25.07843 308.172 567025 <td>566028</td> <td>102.685</td> <td>25.02209</td> <td>306.294</td>	566028	102.685	25.02209	306.294
566058 102.696 25.03157 307.082 565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.979 566735 102.75 25.07291 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 <td>565861</td> <td>102.688</td> <td>25.02981</td> <td>306.502</td>	565861	102.688	25.02981	306.502
565903 102.699 25.0311 307.082 567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.979 566735 102.753 25.07291 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	565489	102.752	25.02295	307.03
567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 5677199 102.684 25.02469 307.978 566735 102.753 25.07291 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	566058	102.696	25.03157	307.082
567010 102.756 25.02861 307.089 567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	565903		25.0311	
567693 102.751 25.02556 307.03 567205 102.68 25.00805 307.139 33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.978 566735 102.75 25.07291 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	567010			307.089
33162 102.757 24.97146 307.228 565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566684 102.732 25.04388 308.048 566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	567693	102.751	25.02556	307.03
565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566735 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	567205	102.68	25.00805	307.139
565634 102.73 25.02088 307.299 568176 102.74 25.0111 307.341 565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.978 566735 102.75 25.07291 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983				
565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566684 102.732 25.04388 308.048 566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983				307.299
565905 102.69 25.03602 307.457 566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566635 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983		102.74	25.0111	
566610 102.721 25.06708 307.544 565595 102.763 25.00639 307.79 567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566735 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983				
567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566735 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	566610	102.721		307.544
567481 102.694 24.99722 307.802 567199 102.684 25.02469 307.928 566772 102.75 25.07291 307.979 566735 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983		102.763	25.00639	
566772 102.75 25.07291 307.979 566735 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	567481	102.694	24.99722	307.802
566772 102.75 25.07291 307.979 566735 102.753 25.07239 307.979 566684 102.732 25.04388 308.048 566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	567199	102.684	25.02469	307.928
566684 102.732 25.04388 308.048 566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	566772	102.75	25.07291	307.979
566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	566735	102.753	25.07239	307.979
566651 102.729 25.0444 308.048 566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	566684	102.732		308.048
566799 102.742 25.07843 308.172 567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983	566651			
567025 102.716 25.03245 308.438 565971 102.679 25.01667 308.983				
565971 102.679 25.01667 308.983				
+ + +				
565430 102.782 25.00177 309.245				

565636	102.719	25.03187	309.332
567347	102.757	25.08011	309.519
567889	102.754	25.0807	309.519
566006	102.678	25.04459	309.655
566370	102.697	25.0444	309.917
566981	102.757	25.02602	310.47
566986	102.759	25.02814	310.47
566681	102.719	25.07741	310.755
33110	102.731	25.0864	310.811
565438	102.774	24.98175	311.241
565496	102.73	24.99315	311.352
566627	102.725	25.06457	311.463
566068	102.696	24.99931	311.886
567413	102.693	24.99863	311.886
567295	102.687	25.01689	312.008
565914	102.685	25.01475	312.008
566316	102.722	24.98361	312.331
565627	102.725	24.98292	312.331
565550	102.701	25.03251	312.817
565403	102.723	24.98095	312.936
566686	102.718	25.05323	312.99
567882	102.731	25.02706	313.017
566608	102.73	25.0689	314.108
566751	102.76	25.04694	314.159
566740	102.729	25.06275	314.423
33157	102.753	25.00966	314.551
565563	102.75	25.00889	314.551
567286	102.68	25.01984	306.576
33235	102.745	24.96126	314.696
565042	102.735	25.04222	314.878
565926	102.703	25.02549	314.927
566718	102.731	25.07671	315.004
566749	102.734	25.0775	315.004
566394	102.696	25.0384	315.096
566392	102.693	25.03761	315.096
567110	102.691	25.02258	315.132
567257	102.738	25.02230	315.548
567134	102.734	25.04528	315.557
566083	102.734	25.01077	315.595
567505	102.762	25.07684	315.632
33134	102.702	25.04731	315.726
567310	102.71	25.00841	315.720
565974	102.739	25.00841	316.105
565630	102.71	24.99967	316.103
565801	102.728	25.00049	316.134
		25.00049	316.134
566719 565594	102.737		
	102.761	25.00825	316.764
565980	102.688	25.02124	317.064
567202	102.733	25.09045	317.227
568181	102.683	25.05368	317.263
567459	102.724	25.08222	317.324
566758	102.727	25.08136	317.324
566641	102.75	25.06968	317.553
566607	102.729	25.05945	317.648
567658	102.744	25.06604	317.766
568100	102.745	25.06333	317.766

567190	102.731	25.07891	317.941
567622	102.734	25.07979	317.941
565631	102.72	24.99991	318.182
567885	102.733	25.06814	318.311
566629	102.736	25.06903	318.311
566112	102.729	25.05302	318.349
567087	102.732	25.05213	318.349
565810	102.777	24.99213	318.946
33629	102.692	24.995	319.219
567082	102.719	25.05898	319.39
566422	102.713	25.05487	319.471
567097	102.775	24.99556	320.366
565973	102.773	25.02066	319.62
566079	102.696	25.02000	319.62
565402	102.090	24.98997	319.828
565822	102.682	25.03012	320.178
565459	102.747	25.01272	320.208
565652	102.746	25.00999	320.208
568069	102.755	24.98361	320.689
565616	102.721	25.03411	320.736
566611	102.721	25.07306	320.813
566635	102.736	25.05523	320.854
565610	102.717	24.98675	321.013
565859	102.714	24.98579	321.013
567095	102.739	25.05618	320.713
565532	102.763	25.0001	321.268
567269	102.764	24.99736	321.268
567137	102.743	25.05619	321.579
565740	102.772	24.99462	321.743
565565	102.775	24.99364	321.743
33547	102.743	24.97851	322.31
566093	102.702	24.995	322.502
566226	102.733	25.05422	322.751
566057	102.694	25.05898	322.859
565598	102.697	25.05797	322.859
566616	102.726	25.05404	323.143
567149	102.681	24.99955	323.269
566496	102.707	25.0496	323.31
566263	102.71	25.04858	323.31
565479	102.738	25.03708	323.573
568119	102.751	25.06028	323.638
566327	102.707	25.04558	323.949
568183	102.704	25.04662	323.949
33074	102.761	25.07994	324.86
33120	102.721	25.0797	325.035
567323	102.763	24.96992	325.331
565736	102.76	24.97099	325.331
568178	102.68	25.05827	325.54
566067	102.702	25.03517	325.591
566224	102.754	25.06449	325.939
566225	102.757	25.0634	325.939
566765	102.748	25.07805	326.994
567542	102.78	24.97825	326.01
565768	102.766	25.00589	326.073
565486	102.769	25.0048	326.073
566638	102.735	25.04238	326.44
500000	102.700	20.07200	520.77

566654	102.751	25.06697	326.795
567888	102.753	25.06928	326.795
565618	102.728	25.02594	327.282
567224	102.687	25.01296	327.312
566080	102.682	25.01132	327.613
565986	102.683	25.00852	327.613
565371	102.694	25.04252	327.673
566793	102.716	25.06501	328.554
566344	102.685	25.05588	328.852
566636	102.736	25.05309	329.823
566761	102.746	25.055	330.264
565654	102.724	25.03103	335.031
566766	102.747	25.07411	330.671
566604	102.74	25.06162	330.877
568106	102.742	25.06201	331.2
566643	102.744	25.05965	331.2
566023	102.688	25.00276	331.61
33156	102.74	25.00392	331.855
566059	102.684	25.03119	331.671
33161	102.739	25.00108	331.855
567270	102.767	24.9983	331.973
567602	102.753	25.07601	332.335
567130	102.691	25.04101	332.569
565904	102.688	25.03977	332.569
33181	102.675	25.00996	333.02
565735	102.762	24.98757	335.703
565473	102.748	24.96125	333.209
566404	102.693	25.03451	333.511
567067	102.696	25.03577	333.511
565380	102.741	25.02796	333.526
567381	102.769	24.99274	333.608
566134	102.715	25.0419	333.638
567207	102.726	25.04313	333.962
566040	102.684	24.99853	333.978
565979	102.688	25.02337	334.481
565648	102.728	24.99528	334.806
567745	102.73	25.07374	335.036
566679	102.742	25.04471	335.34
565571	102.719	25.01253	335.46
565733	102.764	24.98998	335.703
566664	102.735	25.06573	335.893
33195	102.702	25.02837	336.306
566653	102.702	25.05108	336.341
566634	102.710	25.04976	336.341
33109	102.719	25.04314	336.404
568104	102.761	25.04314	336.514
565743	102.738	24.98802	336.627
33234	102.77	25.01729	551.784
566602	102.739		337.305
		25.05753	
566391 566278	102.68	25.05234	337.314
566278	102.704	25.04825	337.817
565869	102.689	25.00859	337.904
565414	102.766	24.97087	338.218
565490	102.744	25.00821	338.328
565962	102.704	24.99281	338.375
565516	102.719	24.98908	338.444

E66906	102.743	25 09071	339.076
566806 566626	102.743	25.08971 25.06149	339.076
566646	102.733	25.06559	339.277
566871	102.736	25.10088	339.708
565754	102.733	25.01738	340.346
565883	102.702	24.99037	338.375
565840	102.779	25.00424	340.633
565744	102.776	25.00284	340.633
565431	102.74	25.00204	341.048
565851	102.74	25.00603	341.41
566091	102.675	25.01318	341.41
566002	102.686	25.00994	341.441
566277	102.713	25.05252	341.603
567491	102.707	24.9864	342.526
565844	102.71	24.98784	342.526
565379	102.743	25.03291	342.947
565620	102.74	25.03436	342.947
566744	102.752	25.05733	343.208
567071	102.69	25.04427	343.451
568171	102.721	25.01574	343.51
33079	102.764	25.07934	343.676
565577	102.719	25.01994	343.731
565896	102.704	24.98241	343.767
566297	102.729	25.05612	343.95
567293	102.745	25.09264	344.139
566315	102.705	25.03625	344.596
565442	102.697	25.02861	344.598
566957	102.772	25.02147	344.634
566748	102.721	25.08073	345.069
565383	102.684	25.04779	346.109
565408	102.734	25.01446	347.267
566738	102.751	25.07917	347.347
567485	102.754	25.08734	347.459
565564	102.775	24.97399	348.297
567376	102.747	25.06812	348.525
565902	102.683	25.03643	348.784
33182	102.681	25.03387	348.784
565605	102.756	24.98522	349.196
565723	102.758	24.98266	349.196
33118	102.731	25.08811	350.005
566755	102.729	25.09068	350.005
566593	102.726	25.03823	350.541
567483	102.683	25.00255	350.616
565998	102.682	25.01405	350.988
565456	102.75	25.0143	350.993
567285	102.749	25.01732	350.993
567500	102.717	24.99468	350.998
565898	102.718	24.9977	350.998
568755	102.693	24.98306	351.001
33589	102.692	24.98608	351.001
567617	102.706	25.02632	351.886
567263	102.719	25.04209	352.116
33122	102.676	25.05218	352.209
567417	102.726	25.00926	352.452
500070		05.0004	0.000
566976	102.769	25.0224	352.802

565900	102.71	25.00165	352.887
565621	102.73	24.99768	352.899
567411	102.881	25.05111	356.326
567461	102.701	24.98132	352.987
33051	102.74	25.02501	353.013
566090	102.687	25.04281	353.12
565506	102.779	25.0012	353.232
565481	102.743	24.98227	353.756
565497	102.745	24.97966	353.756
567354	102.726	25.03216	354.19
565501	102.727	25.02911	354.19
566777	102.747	25.08056	354.566
567208	102.75	25.08222	354.566
567494	102.727	25.08389	354.795
565813	102.78	24.99046	355.221
33172	102.724	25.01398	360.395
565521	102.795	24.99083	357.16
567747	102.722	25.01133	357.944
566048	102.689	24.99328	358.159
566773	102.741	25.08173	358.575
566159	102.706	25.05979	358.621
566956	102.754	25.06	359.19
565950	102.697	25.02454	359.293
568059	102.748	24.98361	359.314
567964	102.697	25.01694	404.081
567298	102.682	25.01702	359.532
567531	102.711	24.99095	360.073
567290	102.77	25.10037	360.075
565560	102.77	25.02974	360.14
567497	102.733	25.02974	361.031
567598	102.74	25.08677	361.219
566362	102.755	25.06658	361.95
565396	102.732	25.03769	362.901
566941	102.742	24.96049	363.681
566754	102.732	25.0925	364.032
566756	102.741	25.09185	364.707
565551	102.722	24.99044	364.884
565658	102.76	24.96316	364.917
566864	102.711	25.02706	366.031
568020	102.696	25.01833	366.536
566432	102.715	25.03878	366.383
566647	102.726	25.05759	366.596
565955	102.706	25.02363	366.665
566660	102.718	25.07312	367.006
565975	102.704	25.01536	367.018
565817	102.735	25.0325	367.548
568054	102.759	24.99255	367.584
565999	102.694	25.02673	367.921
567313	102.738	25.08	369.084
565775	102.739	25.03338	369.156
565641	102.761	25.00364	369.162
565576	102.769	24.97903	369.292
565378	102.682	25.04501	369.398
33163	102.738	25.03018	370.227
565642	102.751	25.02908	370.985
566677	102.722	25.05223	371.261

566625	102.724	25.04943	371.261
565824	102.687	24.99608	371.311
33063	102.728	25.01793	371.782
567528	102.764	25.09667	371.883
565845	102.713	25.00266	403.809
565913	102.683	25.00200	372.367
566092	102.696	24.99005	373.937
567261	102.694	24.98722	373.937
566599	102.094	25.06927	374.052
33115	102.739	25.00927	374.052
568185		25.0721	
	102.704		374.323
567891	102.725	24.98583	374.97
565633	102.727	24.98867	374.97
565639	102.777	25.00708	375.047
565753	102.723	25.00299	375.591
33119	102.724	25.05031	372.291
565494	102.749	24.9882	375.721
565760	102.751	24.98535	375.721
566600	102.742	25.04783	375.968
567294	102.745	24.9625	376.472
566980	102.762	25.02931	376.659
566007	102.693	25.00913	376.662
566069	102.694	25.01239	376.662
566591	102.748	25.06131	377.134
33111	102.727	25.09178	377.416
33106	102.725	25.08891	377.416
565624	102.732	25.01159	377.86
565758	102.766	24.97713	379.778
565674	102.769	24.97507	380.455
565808	102.772	24.973	380.455
567488	102.745	24.95842	380.483
33562	102.727	25.08679	380.625
565592	102.746	25.00531	380.693
566644	102.737	25.06282	380.927
568122	102.81	25.03869	381.609
565640	102.758	25.00573	381.748
566031	102.69	25.01408	382.027
565705	102.783	24.99846	382.03
566612	102.73	25.04096	382.552
566732	102.757	25.05789	383.003
565756	102.746	24.98604	386.372
565508	102.772	24.99148	386.569
565719	102.724	25.01429	386.748
33194	102.713	25.01367	387.316
565572	102.718	24.98313	389.371
565805	102.774	25.00583	389.894
565354	102.774	25.06097	390.133
565841	102.704	24.98862	390.769
567007	102.704	25.02722	390.836
566974	102.77	25.025	390.836
566734	102.767	25.025	391.06
567188	102.687	24.9833	391.49
565878	102.677	25.03738	392.06
565983	102.708	24.99086	392.1
567895	102.722	25.05806	393.841
566971	102.77	25.01896	396.002

565579	102.772	25.00891	397.539
565435	102.755	24.99419	403.579
566802	102.755	25.05078	397.695
567439	102.757	25.0477	397.695
566656	102.723	25.06148	398.836
567256	102.754	25.05556	398.858
566775	102.777	25.04042	399.013
566789	102.737	25.0725	399.222
565647	102.76	24.99776	399.329
565881	102.68	24.99802	400.06
565982	102.683	24.99567	400.06
567897	102.704	25.05668	400.474
567236	102.746	25.02611	400.595
566970	102.781	25.02208	401.032
567209	102.778	25.02444	401.032
565480	102.782	24.98055	402.472
566596	102.733	25.07245	403.364
566467	102.68	25.06004	403.386
565513	102.747	25.01923	403.681
566978	102.778	25.01629	403.806
565997	102.711	25.01878	403.973
565491	102.756	25.00042	403.571
566044	102.701	25.01675	404.081
567640	102.773	25.04018	404.31
566778	102.787	25.03998	404.449
565766	102.766	25.00183	404.511
565613	102.754	24.96448	408.392
565566	102.77	25.00208	404.511
565961	102.705	24.99633	404.626
565458	102.754	25.01457	404.629
566945	102.871	25.0472	404.693
565646	102.763	24.99391	404.868
565680	102.759	24.9942	404.868
565488	102.753	25.02049	405.263
565535	102.757	25.02015	405.263
567322	102.761	25.04958	405.608
566011	102.711	25.01664	405.7
565827	102.715	25.03603	406.468
565666	102.729	24.98248	406.577
565888	102.716	25.01123	406.654
565582	102.767	25.01202	406.756
565671	102.773	24.97654	406.786
565696	102.747	25.0413	406.947
565750	102.759	25.06022	407.415
566000	102.714	25.00803	409.393
565612	102.745	24.96667	407.798
567585	102.739	25.09949	407.987
565035	102.868	25.02639	408.191
565027	102.872	25.02694	408.191
565659	102.758	24.96504	408.392
33180	102.698	24.9878	408.697
565416	102.767	24.99489	408.922
566055	102.688	24.9867	409.462
567203	102.747	25.03906	410.107
566261	102.709	25.05438	407.126
565352	102.699	25.06164	410.235

565355 102.705 25.05367 410.945 565643 102.756 24.99704 411.459 565806 102.764 24.97409 411.459 565419 102.724 25.0172 411.603 567320 102.753 25.01806 411.713 565524 102.757 25.04389 411.946 567547 102.757 25.04389 411.946 567547 102.697 25.00308 412.066 5675287 102.697 25.00308 412.066 567525 102.702 24.98491 412.287 565600 102.732 24.96811 412.367 565710 102.732 24.96735 412.367 565958 102.709 25.02318 412.337 565958 102.709 25.03306 412.804 566988 102.769 25.03306 412.804 566781 102.783 24.98405 413.246 56757 102.732 25.09597 414.197 5	568056	102.729	24.98516	410.46
565643 102.756 24.99704 411.45 565806 102.764 24.97409 411.459 565419 102.724 25.0172 411.603 567320 102.753 25.01806 411.713 565524 102.729 25.0141 411.899 567547 102.697 25.04389 411.942 567287 102.697 25.00308 412.066 567175 102.697 25.00308 412.066 567175 102.697 25.00308 412.287 565600 102.736 24.96811 412.367 565600 102.732 24.96735 412.367 565710 102.722 25.08563 412.378 565958 102.709 25.03384 412.638 567009 102.769 25.03384 412.804 566819 102.783 24.98405 413.246 56757 102.732 25.05464 415.197 566728 102.776 25.04389 414.411 3314				
565806 102.764 24.97409 411.459 565419 102.724 25.0172 411.603 567320 102.753 25.01806 411.713 565524 102.729 25.0141 411.899 567547 102.696 25.00667 412.066 567287 102.696 25.00308 412.066 565715 102.697 25.00308 412.066 565925 102.702 24.98491 412.367 565600 102.736 24.96811 412.367 565710 102.732 24.96811 412.367 565704 102.727 25.08563 412.378 565958 102.709 25.03306 412.804 566988 102.769 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566728 102.776 25.04389 414.411 33140 102.776 25.05244 415.65 5678				
565419 102.724 25.0172 411.603 567320 102.753 25.01806 411.713 565524 102.729 25.0141 411.899 567547 102.757 25.04389 411.942 567287 102.696 25.00667 412.066 567175 102.697 25.00308 412.066 565925 102.702 24.98491 412.367 565600 102.736 24.96811 412.367 565710 102.732 24.96735 412.367 565704 102.727 25.08563 412.378 565958 102.709 25.03306 412.804 566988 102.769 25.03304 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566728 102.776 25.04389 414.411 33140 102.776 25.04389 414.411 33140 102.773 25.0554 416.35 567791				
567320 102.753 25.01806 411.713 565524 102.729 25.0141 411.899 567547 102.757 25.04389 411.942 567287 102.696 25.00667 412.066 567175 102.697 25.00308 412.066 565925 102.702 24.98491 412.287 565600 102.736 24.96811 412.367 565710 102.732 24.96735 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.804 566988 102.769 25.03384 412.804 566988 102.765 25.03384 412.804 565819 102.732 25.09597 414.197 566877 102.732 25.09597 414.197 566728 102.776 25.04389 414.411 33140 102.73 25.05466 415.573 567791 102.743 25.085 416.133 56575				
565524 102.729 25.0141 411.899 567547 102.757 25.04389 411.942 567287 102.696 25.00667 412.066 567175 102.697 25.00308 412.066 565925 102.702 24.98491 412.287 565600 102.736 24.96811 412.367 565710 102.732 24.96735 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.804 566988 102.769 25.03306 412.804 566988 102.769 25.03384 412.804 566819 102.783 24.98405 413.246 567575 102.732 25.09597 414.197 566877 102.732 25.09597 414.197 566728 102.776 25.04389 414.411 33140 102.728 25.05466 415.573 567791 102.743 25.0854 416.33 5667				
567547 102.757 25.04389 411.942 567287 102.696 25.00667 412.066 567175 102.697 25.00308 412.066 565925 102.702 24.98491 412.287 565600 102.736 24.96811 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.638 567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.05466 415.573 567896 102.7 25.05466 415.573 567759 102.774 25.0044 416.45 56759 102.774 25.01615 416.45 566972<				
567287 102.696 25.00667 412.066 567175 102.697 25.00308 412.066 565925 102.702 24.98491 412.287 565600 102.736 24.96811 412.367 565710 102.732 24.96735 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.638 567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 566981 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.05244 415.165 567896 102.77 25.0854 416.33 565759 102.774 25.004389 416.215 33238 102.777 25.0187 416.45 566972				
567175 102.697 25.00308 412.066 565925 102.702 24.98491 412.287 565600 102.736 24.96811 412.367 565710 102.732 24.96735 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.638 567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.01615 416.45 566972 102.774 25.01872 416.45 5669723<				
565925 102.702 24.98491 412.287 565600 102.736 24.96811 412.367 565710 102.732 24.96735 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.638 567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 25.01872 416.45 566972 102.774 25.01615 416.45 565492 <td></td> <td></td> <td></td> <td></td>				
565600 102.736 24.96811 412.367 565710 102.732 24.96735 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.638 567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 567759 102.774 25.0044 416.215 567923 102.777 25.01872 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 <td>565925</td> <td></td> <td>24.98491</td> <td></td>	565925		24.98491	
565710 102.732 24.96735 412.367 567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.638 567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.0044 416.215 33238 102.77 25.085 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415				
567604 102.727 25.08563 412.378 565958 102.709 25.02318 412.638 567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 24.99953 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565515 <td></td> <td></td> <td></td> <td></td>				
567009 102.769 25.03306 412.804 566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.0044 416.215 33238 102.77 25.01872 416.45 566972 102.774 25.01872 416.45 565492 102.774 25.01615 416.781 565415 102.731 25.0302 417.148 565531 102.731 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454	567604			
566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 25.01872 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.0302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525	565958	102.709	25.02318	412.638
566988 102.765 25.03384 412.804 565819 102.783 24.98405 413.246 567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 24.99953 416.215 567023 102.774 25.01872 416.45 565492 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.77 25.0544 418.08 565525	567009			412.804
567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 24.99953 416.45 566972 102.774 25.01615 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454			25.03384	412.804
567557 102.732 25.09597 414.197 566877 102.728 25.09512 414.197 566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 24.99953 416.45 566972 102.774 25.01615 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454	565819	102.783	24.98405	
566728 102.776 25.04389 414.411 33140 102.705 25.0524 415.165 567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 24.99953 416.45 566972 102.774 25.01615 416.45 566972 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565492 102.731 25.03302 417.148 565415 102.731 25.03302 417.148 565531 102.733 25.0544 418.008 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.09033 418.393 356510 102.773 24.9867 418.972 566468	567557	102.732		414.197
33140 102.705 25.0524 415.165 567896 102.7 25.085 416.133 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.777 24.99953 416.215 567023 102.777 25.01872 416.45 566972 102.742 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565492 102.731 25.03302 417.148 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.09033 418.393 3577 102.755 25.09033 418.393 565610		102.728		
567896 102.7 25.05466 415.573 567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.777 24.99953 416.215 567023 102.777 25.01872 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 567684	566728	102.776	25.04389	414.411
567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 24.99953 416.215 567023 102.777 25.01872 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565684 102.776 24.98941 420.115 567163	33140	102.705	25.0524	415.165
567701 102.743 25.085 416.133 565759 102.774 25.00044 416.215 33238 102.77 24.99953 416.215 567023 102.777 25.01872 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565684 102.776 24.98941 420.115 567163	567896	102.7	25.05466	415.573
33238 102.777 24.99953 416.215 567023 102.777 25.01872 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.393 33577 102.758 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.777 24.99843 421.569 566969	567701	102.743	25.085	416.133
567023 102.777 25.01872 416.45 566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.774 25.00566 420.754 567167 102.774 24.9843 421.569 565884	565759	102.774	25.00044	416.215
566972 102.774 25.01615 416.45 565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.774 25.00566 420.754 567167 102.774 24.99843 421.569 565884 102.675 25.03436 423.44 565864	33238	102.77	24.99953	416.215
565492 102.726 24.99137 416.655 567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03416 423.266 565884 <td>567023</td> <td>102.777</td> <td>25.01872</td> <td>416.45</td>	567023	102.777	25.01872	416.45
567159 102.686 25.00512 416.781 565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 565884 102.675 25.03416 423.266 565864 102.779 24.98485 423.729 565673 <td>566972</td> <td>102.774</td> <td>25.01615</td> <td>416.45</td>	566972	102.774	25.01615	416.45
565415 102.731 25.03302 417.148 565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565844 102.679 25.03321 423.44 565739 102.777 24.98485 423.729 565427 <td>565492</td> <td>102.726</td> <td>24.99137</td> <td>416.655</td>	565492	102.726	24.99137	416.655
565531 102.733 25.001 417.574 566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.679 25.03321 423.44 565739 102.777 24.98485 423.729 565673 102.777 24.9815 423.729 565427	567159	102.686	25.00512	416.781
566785 102.79 25.0544 418.008 566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.777 25.00566 420.754 567167 102.774 24.99843 421.569 565884 102.675 25.03436 423.246 565884 102.675 25.03436 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 <td>565415</td> <td>102.731</td> <td>25.03302</td> <td>417.148</td>	565415	102.731	25.03302	417.148
566590 102.741 25.06598 418.094 565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.778 25.03616 423.266 565884 102.675 25.03436 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061<	565531	102.733	25.001	417.574
565525 102.771 24.9824 418.16 565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567661 102.7 25.05302 425.241 33048 <td>566785</td> <td>102.79</td> <td>25.0544</td> <td>418.008</td>	566785	102.79	25.0544	418.008
565454 102.758 25.08773 418.393 33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 </td <td>566590</td> <td>102.741</td> <td>25.06598</td> <td>418.094</td>	566590	102.741	25.06598	418.094
33577 102.755 25.09033 418.393 565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565410 102.715 25.0187 426.453	565525	102.771	24.9824	418.16
565510 102.773 24.9867 418.972 566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565454	102.758	25.08773	418.393
566468 102.71 25.06299 419.824 565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	33577	102.755	25.09033	418.393
565604 102.763 25.01156 420.091 565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565510	102.773	24.9867	418.972
565684 102.776 24.98941 420.115 567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	566468	102.71	25.06299	419.824
567163 102.744 25.01534 420.454 566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565604	102.763	25.01156	420.091
566012 102.717 25.00566 420.754 567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565684	102.776	24.98941	420.115
567167 102.774 24.99843 421.569 566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	567163	102.744	25.01534	420.454
566969 102.758 25.03616 423.266 565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	566012	102.717	25.00566	420.754
565884 102.675 25.03436 423.44 565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	567167	102.774	24.99843	421.569
565864 102.679 25.03321 423.44 565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	566969	102.758	25.03616	423.266
565739 102.779 24.98485 423.729 565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565884	102.675	25.03436	423.44
565673 102.777 24.9815 423.729 565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565864	102.679	25.03321	423.44
565427 102.692 24.98387 424.217 565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565739	102.779	24.98485	423.729
565464 102.757 24.96133 425.147 567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565673	102.777	24.9815	423.729
567061 102.7 25.05302 425.241 33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565427	102.692	24.98387	424.217
33048 102.717 24.97778 425.445 565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	565464	102.757	24.96133	425.147
565889 102.709 25.00537 426.221 565410 102.715 25.0187 426.453	567061	102.7	25.05302	425.241
565410 102.715 25.0187 426.453	33048	102.717	24.97778	425.445
	565889	102.709	25.00537	426.221
566979 102.763 25.02605 420.065	565410	102.715	25.0187	426.453
	566979	102.763	25.02605	420.065

		· · · · · · · · · · · · · · · · · · ·	1
566074	102.715	24.99039	429.13
565606	102.743	25.02337	429.421
33095	102.716	25.0771	429.838
567078	102.714	25.07369	429.838
567522	102.738	24.99444	430.183
565689	102.735	24.99719	430.183
565678	102.783	24.98883	430.509
565498	102.74	24.9795	432.111
568097	102.781	25.05361	433.102
565637	102.767	25.00968	433.795
565468	102.752	24.96269	434.346
565737	102.76	24.97677	435.13
565978	102.713	24.97657	425.445
566975	102.776	25.02295	435.826
566783	102.746	25.05021	436.755
565675	102.72	24.99393	437.786
565609	102.778	24.9965	439.131
565661	102.756	24.97531	440.3
566010	102.717	25.00279	440.898
566949	102.874	25.04782	440.97
566948	102.878	25.04942	440.97
565734	102.766	24.98597	441.156
566412	102.705	25.06303	441.38
565334	102.701	25.06142	441.38
566750	102.751	25.04916	441.824
565724	102.715	25.02158	442.871
567094	102.722	25.05594	443.223
568027	102.746	24.97556	446.31
565668	102.732	24.98221	446.626
566967	102.751	25.04082	448.388
567326	102.677	25.02028	449.365
567089	102.743	25.0384	449.817
565800	102.741	24.98383	450.815
568098	102.754	25.05378	443.676
567568	102.742	24.98778	450.815
33575	102.748	25.06329	451.678
567244	102.784	25.05397	453.568
567527	102.788	25.05583	453.568
566763	102.767	25.09286	454.328
565885	102.707	25.03200	456.488
565527	102.731	24.99065	457.652
566073	102.731	24.98295	458.811
33160	102.096	25.03218	461.012
565667	102.732	24.98664	457.652
566984	102.732	25.02933	461.131
565645	102.707	25.02933	463.071
565602	102.704	24.96724	463.88
566753 565529	102.738 102.754	25.09538	463.903 464.81
		24.96711	
565472	102.739	24.96919	465.08
565471	102.743	24.96711	465.08
565657	102.778	24.97742	465.258
567266	102.689	25.00074	466.714
567241	102.752	24.99916	467.504
566985 567892	102.749	24.96615	467.693
	102.747	24.96994	467.693

567319	102.761	24.97945	468.322
567265	102.76	25.08333	469.267
565635	102.748	25.03577	469.607
566680	102.713	25.06824	469.887
565412	102.755	25.00454	469.928
565048	102.769	25.08944	471.047
566874	102.73	25.09895	471.623
565767	102.764	25.09693	471.023
568110	102.704	25.04715	472.652
565514	102.773	24.99426	474.278
567441	102.763	25.05667	475.755
567615	102.756	24.98925	475.995
567767	102.699	24.996	476.844
567183	102.739	24.96481	478.021
567157	102.808	25.0416	479.011
565350	102.764	25.05988	479.381
566999	102.756	25.04007	479.729
565722	102.715	25.02351	483.859
567353	102.681	25.0252	486.818
566321	102.679	25.02918	486.818
565381	102.678	25.04748	488.2
566720	102.764	25.04446	488.83
567292	102.746	25.09517	482.743
567465	102.754	25.01175	493.36
566982	102.761	25.02197	496.973
565835	102.685	24.99159	496.993
565478	102.787	24.98666	497.307
566987	102.763	25.03573	497.635
567027	102.787	25.02166	497.99
567173	102.696	25.00219	498.304
567220	102.793	25.00121	500.165
565397	102.796	24.99763	500.165
565487	102.758	25.00909	500.513
567546	102.778	25.04714	504.256
566787	102.785	25.09031	504.318
566943	102.782	25.01902	505.143
565509	102.753	24.98119	505.151
568101	102.767	25.09472	505.495
565512	102.727	24.97864	478.58
566779	102.768	25.03981	505.964
567299	102.758	25.06988	508.568
566947	102.884	25.05077	510.055
565726	102.754	24.9711	510.265
565424	102.766	24.98025	512.331
566745	102.769	25.04359	513.484
566013	102.704	24.97406	514.622
565765	102.734	24.97236	514.667
567248	102.719	24.97806	516.5
33545	102.787	24.99018	517.855
567596	102.792	24.98913	517.855
33073	102.786	25.09205	518.471
566996	102.872	25.05215	522.512
565561	102.74	24.99878	523.162
568065	102.865	25.02806	528.19
565537	102.768	24.96843	531.208
565584	102.798	24.99042	534.74
JUJJU 1	102.130	27.JJU72	554.74

567008	102.772	25.03164	531.575
567574	102.772	25.09438	531.705
566072	102.709	24.9734	533.609
565520	102.782	25.0055	534.208
567600	102.867	25.04749	534.254
565522	102.795	24.99438	534.74
565676	102.74	24.95721	522.289
566747	102.765	25.0492	537.206
566726	102.763	25.09098	543.092
566759	102.761	25.09551	543.092
567357	102.709	24.97619	545.587
567601	102.704	24.97806	545.587
565664	102.729	24.9671	548.812
567580	102.675	24.99597	553.677
567336	102.87	25.03667	563.028
565030	102.868	25.03194	563.028
566066	102.695	24.97851	564.104
566026	102.699	24.97497	564.104
566781	102.782	25.04231	567.074
567011	102.785	25.02575	574.198
567626	102.784	25.05901	542.472
567184	102.739	24.9623	575.534
565665	102.752	24.95882	576.806
565031	102.732	25.04278	577.898
565764	102.736	24.9774	596.246
566557	102.730	25.09769	602.687
565596	102.728	24.97195	607.193
567715	102.804 102.75	25.03928	608.7
567075		24.97588	608.809
566977	102.883	25.05617	609.526
566795	102.778	25.05083	612.739
566743	102.772	25.04996	612.739
566731	102.767	25.0544	612.994
567506	102.704	24.97184	613.174
567537	102.798	25.04028	615.236
568121	102.792	25.05111	615.57
568115	102.796	25.05529	615.57
567619	102.736	24.97529	618.512
566946	102.889	25.05146	621.359
565585	102.801	24.99564	621.4
567021	102.881	25.04585	625.702
566049	102.702	25.01001	628.806
565466	102.746	24.9555	634.768
565046	102.78	25.09017	640.069
565433	102.749	24.9922	644.516
565045	102.783	25.09583	647.035
566983	102.777	25.03532	649.729
566767	102.755	25.0933	652.989
567194	102.874	25.02861	653.841
566770	102.768	25.10243	664.088
568117	102.802	25.05056	675.894
567893	102.873	25.05611	687.707
568075	102.875	25.03472	687.71
567157	102.812	25.03658	689.232
566997	102.775	24.97055	696.678
566784	102.791	25.03979	708.076

566038	102.686	24.98032	722.988
565547	102.791	25.00261	730.589
566022	102.676	24.99248	737.023
565028	102.872	25.02222	748.165
568209	102.879	25.02444	748.165
566989	102.782	25.01369	753.612
565037	102.882	25.03722	758.891
567222	102.791	25.03972	708.696
566991	102.854	25.04113	801.405
566992	102.86	25.04585	801.405
567530	102.787	25.06306	810.249
567489	102.886	25.04014	811.37
566968	102.887	25.06884	811.387
568072	102.851	25.03639	819.788
33248	102.77	25.07832	823.261
565029	102.874	25.06222	827.782
566966	102.82	25.03464	835.284
567718	102.891	25.0747	842.528
566821	102.895	25.06806	842.528
566960	102.89	25.05914	860.861
565034	102.866	25.06056	861.984
566762	102.746	25.10047	877.553
567016	102.79	25.01929	878.178
566018	102.772	25.0862	896.523
565036	102.859	25.034	896.784
·		·	

565043	102.805	25.05161	914.185
33096	102.755	25.09944	914.484
566786	102.795	25.0895	950.703
567699	102.797	25.0146	1011.904
567741	102.823	25.03	1033.891
566776	102.794	25.08555	1050.747
564595	102.836	25.09583	1096.024
567258	102.805	25.08606	1110.463
566730	102.8	25.04476	675.894
33237	102.895	25.05019	1111.201
566942	102.843	25.03769	1173.66
568297	102.828	25.08917	1183.439
568298	102.831	25.09944	1183.439
566990	102.833	25.03204	1188.646
565033	102.88	25.07889	1322.606
565026	102.872	25.01466	1366.484
568068	102.804	25.02111	1426.698
565041	102.782	25.07667	1463.873
565044	102.803	25.0675	1531.77
565047	102.812	25.065	1649.266
564499	102.867	25.09281	2029.692
565025	102.895	25.095	2346.039
568313	102.863	25.09831	2735.798

二、快速排序

enodebid	longitude	latitude	k dist
568030	102.676	25.01015	103.075
566670	102.72	25.04582	103.783
567387	102.71	24.99887	107.679
566310	102.711	25.0404	121.091
567883	102.741	25.05223	126.096
566449	102.707	25.04081	128.825
33635	102.701	25.0452	136.177
566714	102.742	25.05291	148.4
567074	102.722	25.09639	161.289
566492	102.71	25.04122	161.578
33246	102.728	25.06391	171.394
33069	102.718	25.07053	173.016
567759	102.741	25.05323	183.765
33158	102.753	25.03358	188.45
565672	102.712	25.04064	189.012
567605	102.722	25.03837	190.333
565623	102.731	25.01009	195.087
567760	102.74	25.05134	195.452
567603	102.724	25.07704	196.968
569113	102.721	25.03847	197.559
566805	102.72	25.03694	197.559
567759	102.74	25.05236	198.127
565820	102.729	25.04168	198.899
568112	102.748	25.08722	200.609
567440	102.747	25.08878	200.609
566054	102.71	25.03491	201.75

566958	102.754	25.03501	201.965
567610	102.726	25.02076	202.631
33099	102.735	25.0499	202.746
568046	102.721	25.09686	202.774
568184	102.677	25.05402	203.213
568182	102.679	25.0538	203.213
566657	102.737	25.05009	203.67
566623	102.739	25.04984	203.67
567129	102.697	25.04751	203.713
568177	102.758	25.0007	204.172
565695	102.706	25.03921	204.684
566803	102.741	25.05394	205.009
565957	102.71	25.03328	206.113
567389	102.741	25.05389	206.125
566739	102.739	25.05427	206.125
565366	102.696	25.0491	206.318
33113	102.743	25.07581	206.464
568175	102.721	25.02431	206.595
567442	102.699	25.0478	206.923
566769	102.728	25.06994	207.014
566724	102.726	25.06952	207.014
565051	102.713	25.0392	207.063
567609	102.738	25.04096	207.314
568074	102.753	25.03525	208.475
566475	102.708	25.03916	209.546
565601	102.722	25.00624	209.559
566403	102.678	25.05546	210.516
		·	

565450	102.721	25.00761	211.509
568172	102.726	25.02589	212.159
566788	102.737	25.05893	212.472
565587	102.7	25.0438	212.478
567059	102.709	25.04235	212.48
565660	102.724	25.02648	212.484
565632	102.723	25.02816	212.484
565052	102.698	25.04949	213.456
566320	102.7	25.03926	213.46
568186	102.728	25.04806	213.947
567890	102.722	25.02713	214.319
566414	102.694	25.05383	214.436
567091	102.719	25.06927	215.521
566674	102.717	25.06995	215.521
565367	102.693	25.05213	217.036
566796	102.701	25.04095	217.053
566447	102.699	25.04023	217.053
566324	102.699	25.04212	217.465
566328	102.711	25.04295	217.788
566722	102.732	25.08386	218.327
566798	102.759	25.04389	218.432
33153	102.737	25.01661	218.773
566598	102.741	25.04609	218.872
567884	102.735	25.059	219.362
567133	102.736	25.05725	219.362
565477	102.725	25.04138	219.368
566592	102.729	25.06515	219.57
32788	102.715	24.98496	220.379
566314	102.702	25.04461	220.944
568120	102.728	25.04014	221.406
565356	102.7	25.04602	222.139
566624	102.733	25.06489	222.156
566474	102.71	25.0398	222.286
566306	102.714	25.04857	223.745
566658	102.744	25.05438	225.316
566354	102.695	25.05141	225.317
565365	102.694	25.0496	225.317
567058	102.712	25.04949	226.21
566368	102.678	25.05902	227.308
566343	102.677	25.05719	227.308
568173	102.723	25.02391	229.318
565395	102.724	25.02206	229.318
565829	102.704	25.02925	229.339
567538	102.719	25.04432	229.904
567088	102.721	25.04333	229.904
567306	102.752	25.02722	230.116
566415	102.708	25.0463	230.814
567589	102.722	25.07805	230.878
565625	102.73	25.00758	230.979
567760	102.74	25.05185	233.506
568849	102.721	25.0456	233.518
568471	102.721	25.0456	233.518
566603	102.722	25.04371	233.518
565970	102.678	25.00308	233.744
565969	102.68	25.00414	233.744
568064	102.756	25.0351	233.755

567098 102.725 25.02284 566423 102.712 25.04485 33164 102.724 25.0209 567515 102.746 25.0883 33075 102.76 25.0757	4 234.28
33164 102.724 25.02093 567515 102.746 25.08833 33075 102.76 25.07573	
567515 102.746 25.08833 33075 102.76 25.07573	5 234.322
33075 102.76 25.07573	3 235.335
	3 236.543
EC74E7 400 700 0E 04000	3 236.825
567457 102.706 25.04028	3 236.96
33070 102.731 25.05729	5 237.699
33186 102.691 25.03239	9 238.147
565981 102.68 25.01147	7 238.354
565857 102.682 25.01033	3 238.354
565448 102.723 25.00818	3 238.361
565638 102.721 25.0199	7 238.399
568179 102.688 25.0525	
566472 102.686 25.05138	
565832 102.709 25.03586	3 239.259
566342 102.697 25.04139	
566483 102.709 25.05800	
567232 102.711 25.05800	
566451 102.71 25.0600	
567138 102.719 25.03528	-
566631 102.746 25.04646	+
566535 102.734 25.0404	+
565368 102.689 25.05273	
567443 102.746 25.0533	+
567260 102.748 25.0520	+
566655 102.727 25.06794	
568174 102.717 25.02972	_
33155 102.738 25.0182	+
33116 102.751 25.07364	4 245.008
33117 102.734 25.0486	6 245.042
	6 245.042
33117 102.734 25.0486 567081 102.74 25.04139 566645 102.739 25.0434	245.042 246.549 1 246.549
33117 102.734 25.0486 567081 102.74 25.04139	245.042 246.549 1 246.549
33117 102.734 25.0486 567081 102.74 25.04139 566645 102.739 25.0434	245.042 9 246.549 1 246.549 3 246.947
33117 102.734 25.0486 567081 102.74 25.04136 566645 102.739 25.0434 33100 102.727 25.06593	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352	245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.0659 566673 102.732 25.0635 567003 102.694 25.0453	245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04663	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.0659 566673 102.732 25.0635 567003 102.694 25.0453 565669 102.696 25.0466 566298 102.708 25.0289	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.03023	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 8 250.102
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04663 566298 102.708 25.0289 32777 102.706 25.03023 567002 102.746 25.02846	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 8 250.102 5 250.102
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.0302 567002 102.746 25.02846 33159 102.748 25.02715 32841 102.719 25.0211	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 5 250.102 1 250.176
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04663 566298 102.708 25.0289 32777 102.706 25.03023 567002 102.746 25.02846 33159 102.748 25.02715 32841 102.719 25.0211 33067 102.707 25.0186	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 8 250.102 5 250.102 1 250.176 6 250.524
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352 567003 102.694 25.04533 565669 102.696 25.04662 566298 102.708 25.02893 32777 102.706 25.03023 567002 102.746 25.02848 33159 102.748 25.02718 32841 102.719 25.02113 33067 102.707 25.0186 566648 102.712 25.06329	245.042 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.0302 567002 102.746 25.02846 33159 102.748 25.02716 32841 102.719 25.0211 33067 102.707 25.0186 566648 102.712 25.06326 567076 102.723 25.03982	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245 2 251.542
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.03023 567002 102.746 25.02846 33159 102.748 25.02718 32841 102.719 25.0211 33067 102.707 25.0186 566648 102.712 25.06328 567076 102.723 25.03056 567744 102.72 25.03056	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04663 566298 102.708 25.0289 32777 102.706 25.03023 567002 102.746 25.02846 33159 102.748 25.02715 32841 102.719 25.02116 33067 102.707 25.0186 566648 102.712 25.06325 567076 102.723 25.03086 565523 102.719 25.02846	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 8 250.102 1 250.102 1 250.176 6 251.245 2 251.542 6 252.05 8 252.05
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.02849 32777 102.706 25.03023 567002 102.746 25.02844 33159 102.748 25.02713 32841 102.719 25.0211 33067 102.707 25.0186 567076 102.723 25.03983 567744 102.72 25.03056 565523 102.719 25.02846 568114 102.734 25.02846	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05 8 252.05 5 252.151
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.0302 567002 102.746 25.0284 33159 102.748 25.0271 32841 102.719 25.0211 33067 102.707 25.0186 566648 102.712 25.06329 567076 102.723 25.03056 565523 102.719 25.02846 568114 102.727 25.0772	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05 8 252.05 6 252.151 2 252.158
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04663 566298 102.708 25.0289 32777 102.706 25.03023 567002 102.746 25.02846 33159 102.748 25.02715 32841 102.719 25.0211 33067 102.707 25.0186 56648 102.712 25.06325 567076 102.723 25.03985 567744 102.72 25.03866 568114 102.734 25.02846 567191 102.727 25.07856	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05 8 252.05 6 252.158 6 252.158
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04663 566298 102.708 25.0289 32777 102.706 25.0302 567002 102.746 25.02846 33159 102.748 25.02715 32841 102.719 25.0211 33067 102.707 25.0186 566648 102.712 25.06325 567076 102.723 25.03056 565523 102.719 25.02846 568114 102.724 25.0826 567191 102.725 25.07856 567526 102.713 24.9982	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05 6 252.05 6 252.151 2 252.158 6 253.606
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06352 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.0302 567002 102.746 25.02846 33159 102.748 25.02716 32841 102.719 25.0211 33067 102.707 25.0186 566648 102.712 25.06326 567764 102.723 25.03982 567744 102.723 25.03066 568114 102.734 25.0826 567191 102.727 25.07856 567526 102.713 24.9982 565964 102.711 24.9968	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05 8 252.05 6 252.151 2 252.158 6 253.606 9 253.606
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.0302 567002 102.746 25.02846 33159 102.748 25.02716 32841 102.719 25.0211 33067 102.707 25.0186 566648 102.712 25.06329 567076 102.723 25.03986 565523 102.719 25.02846 568114 102.727 25.07866 567191 102.727 25.07866 567526 102.713 24.99885 565728 102.732 25.0089	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05 8 252.05 6 252.151 2 252.158 6 253.606 9 253.606 7 254.268
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04663 566298 102.708 25.0289 32777 102.706 25.03023 567002 102.746 25.02846 33159 102.748 25.02715 32841 102.719 25.0211 33067 102.707 25.0186 567076 102.723 25.03983 567744 102.723 25.03983 567191 102.724 25.02846 567191 102.727 25.0775 566717 102.725 25.07856 567526 102.713 24.9982 565964 102.732 25.00893 567646 102.752 25.03363	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 5 250.176 6 250.524 9 251.245 2 252.05 3 252.05 5 252.151 2 252.158 7 253.606 9 254.268 1 254.845
33117 102.734 25.0486 567081 102.74 25.0413 566645 102.739 25.0434 33100 102.727 25.06593 566673 102.732 25.06353 567003 102.694 25.0453 565669 102.696 25.04662 566298 102.708 25.0289 32777 102.706 25.0302 567002 102.746 25.02848 33159 102.748 25.02718 32841 102.719 25.0211 33067 102.707 25.0186 566648 102.712 25.06329 567076 102.723 25.03983 567744 102.72 25.03056 565523 102.719 25.02848 567191 102.727 25.07856 567526 102.713 24.9982 565964 102.711 24.9968 565728 102.732 25.0089	6 245.042 9 246.549 1 246.549 3 246.947 2 247.456 1 248.898 2 248.898 1 249.574 3 249.574 3 250.102 5 250.102 1 250.176 6 250.524 9 251.245 2 251.542 6 252.05 6 252.05 6 252.151 2 252.158 6 253.606 9 253.606 9 254.268 1 254.845 1 254.975

567422	102.719	25.09667	255.447
567469	102.735	25.0819	255.609
565755	102.733	25.02196	255.61
565749	102.735	25.02337	255.61
567498	102.714	25.06194	256.025
32789	102.728	25.00667	256.042
566442	102.714	25.04662	257.297
33094	102.714	25.04806	257.297
567116	102.716	25.02066	257.676
566082	102.705	25.02000	257.676
33192	102.703	24.98496	257.722
565773	102.733	24.99605	258.403
566716	102.717	25.05784	258.689
566416	102.685	25.05222	259.026
567875	102.708	25.0329	259.722
567111	102.709	25.03075	259.722
565745	102.721	25.02244	259.764
567139	102.744	25.02922	261.57
567072	102.693	25.04028	261.647
566393	102.691	25.03878	261.647
568061	102.745	25.03139	263.438
566259	102.701	25.04822	264.135
566768	102.741	25.07621	266.7
567109	102.702	25.02768	266.91
566678	102.713	25.05983	266.912
567342	102.751	25.08444	267.11
566289	102.714	25.04328	267.256
567709	102.733	25.02491	267.646
565440	102.731	25.02333	267.646
565906	102.688	25.03428	267.95
566895	102.74	25.03019	267.952
567238	102.748	25.04673	268.978
566993	102.747	25.04449	268.978
565830	102.712	25.03488	269.102
565562	102.721	25.00459	269.139
567073	102.689	25.05861	269.589
567063	102.691	25.057	269.589
568109	102.733	25.07525	270.001
32778	102.709	24.99853	271.965
566725	102.759	25.07765	272.018
566741	102.736	25.09703	272.742
565382	102.691	25.05485	273.544
33132	102.693	25.05319	273.544
565578	102.769	25.01036	273.596
567193	102.728	25.07907	274.136
565420	102.706	25.04153	274.312
32776	102.704	25.0432	274.312
32997	102.736	25.00639	274.961
566794	102.724	25.0721	275.174
566601	102.724	25.05235	275.813
565370	102.687	25.0493	275.818
566804	102.742	25.04308	275.826
566801	102.755	25.07842	275.857
566662	102.728	25.07489	276.209
565407	102.693	25.05614	276.215
566628	102.723	25.07573	277.245
JUUUZU	102.723	20.01010	211.240

567474	102.698	25.02108	277.985
33636	102.7	25.0228	277.985
566711	102.698	25.05638	278.022
568102	102.726	25.0475	278.877
566712	102.679	25.04369	278.881
566004	102.677	25.04196	278.881
567553	102.735	25.09854	279.313
567267	102.753	25.085	279.317
566459	102.684	25.04984	279.329
32881	102.685	25.0475	279.329
568850	102.734	25.00471	279.342
33566	102.733	25.00237	279.342
565457	102.738	25.01349	279.687
568116	102.725	25.08389	279.755
567328	102.739	25.08912	279.94
565593	102.734	25.00464	280.313
568118	102.737	25.09	280.368
565505	102.739	25.01585	280.376
566639	102.718	25.0557	280.564
33108	102.716	25.05395	280.564
567077	102.716	25.07035	280.622
567591	102.726	25.07486	281.295
566486	102.730	25.03744	281.409
568099	102.711	25.05093	281.577
566637	102.720	25.04917	281.577
567618	102.73	25.00144	281.869
565912	102.728	25.03651	282.292
566095	102.692	25.03051	282.771
566615	102.092	25.02631	283.51
568113	102.748	25.09116	283.89
567231	102.719	25.06508	285.042
566666	102.718	25.06268	285.042
566669	102.732	25.04735	285.491
567245	102.73	25.08245	285.557
566737	102.731	25.08485	285.557
567264	102.723	25.04131	285.882
566650	102.716	25.04661	285.888
566293	102.714	25.04479	285.888
566652	102.738	25.04766	288.486
567212	102.685	25.03828	288.592
565691	102.732	25.00657	289.107
567125	102.726	25.073	291.43
565721	102.731	25.01599	291.497
566363	102.761	25.06599	292.245
565757	102.715	25.02998	292.562
33133	102.693	25.04713	292.662
565677	102.784	25.00093	292.78
565445	102.727	25.0204	292.879
566280	102.709	25.05152	293.715
567291	102.749	25.08686	293.834
33114	102.742	25.07373	293.909
565828	102.713	25.03191	294.709
566963	102.754	25.03168	294.788
567470	102.734	25.08576	294.846
566757	102.735	25.08825	294.846
566944	102.735	25.03811	295.513

566065 102.712 25.02957 297.061 565681 102.758 24.99004 297.071 567135 102.727 25.04636 297.136 565559 102.721 24.98533 297.202 565558 102.738 25.00442 297.836 565877 102.703 25.02029 298.11 33184 102.702 25.02281 298.11 567865 102.678 25.00506 298.114 566865 102.69 25.03229 299.611 567694 102.69 25.03229 299.611 567694 102.69 25.03229 299.611 567694 102.69 25.03229 299.611 567492 102.686 25.01923 301.275 567492 102.698 25.03555 302.3 566260 102.698 25.0403 302.585 566365 102.76 25.06409 302.585 5665455 102.76 25.0406 302.62 567355	565804	102.737	25.04005	295.513
565681 102.758 24.99004 297.071 567135 102.727 25.04636 297.136 565559 102.721 24.98533 297.202 565558 102.723 24.98729 297.202 567315 102.738 25.00442 297.836 565877 102.702 25.02281 298.11 33184 102.702 25.02281 298.11 567865 102.678 25.00506 298.114 566865 102.698 25.03502 299.611 567694 102.69 25.03281 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.585 566355 102.76 25.06403 302.585 565455 102.76 25.06403 302.585 566586 102.678 25.04055 302.62 5658984 <td></td> <td></td> <td></td> <td></td>				
567135 102.727 25.04636 297.136 565559 102.721 24.98533 297.202 565558 102.723 24.98729 297.202 567315 102.738 25.00442 297.836 565877 102.702 25.02281 298.11 33184 102.702 25.02281 298.11 566865 102.69 25.03229 299.611 567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.06409 302.585 565455 102.76 25.06403 302.585 566003 102.681 25.04055 302.62 565868 102.773 25.04065 302.62 565868 102.743 25.01111 302.645 565894 102.743 25.01111 302.813 56671				
565559 102.721 24.98533 297.202 565558 102.723 24.98729 297.202 567315 102.738 25.00442 297.836 565877 102.703 25.02029 298.11 33184 102.702 25.02281 298.11 567865 102.69 25.03229 299.611 567694 102.69 25.03229 299.611 567694 102.69 25.0323 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.585 5665455 102.76 25.06403 302.585 565455 102.76 25.06403 302.62 565868 102.678 25.04065 302.62 565868 102.73 25.0406 302.62 565894 102.743 25.01111 302.645 565865 102.711 24.98294 302.713 566671	567135			
565558 102.723 24.98729 297.202 567315 102.738 25.00442 297.836 565877 102.703 25.02029 298.111 33184 102.702 25.02281 298.114 567865 102.678 25.00506 298.114 566865 102.69 25.03229 299.611 567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.03555 302.548 56741 102.763 25.06403 302.585 566003 102.681 25.04065 302.62 565868 102.678 25.0406 302.62 565868 102.73 25.0413 302.713 565608 102.73 25.024 302.62 565894 102.743 25.04148 302.713 566671				
567315 102.738 25.00442 297.836 565877 102.703 25.02029 298.11 33184 102.702 25.02281 298.11 567865 102.678 25.00506 298.114 566865 102.69 25.03229 299.611 567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.05144 302.544 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.585 565868 102.78 25.04065 302.62 565868 102.73 25.0406 302.62 565868 102.73 25.0024 302.682 565608 102.73 25.0448 302.713 566671 102.743 25.04148 302.73 566742				
565877 102.703 25.02029 298.11 33184 102.702 25.02281 298.114 567865 102.678 25.00506 298.114 566865 102.69 25.03229 299.611 567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.544 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.585 565868 102.681 25.0405 302.62 567355 102.743 25.01111 302.645 565808 102.73 25.0024 302.73 566608 102.73 25.0024 302.73 566508 102.73 25.0024 302.73 566671 102.743 25.0144 302.73 566742 <t< td=""><td></td><td></td><td></td><td></td></t<>				
33184 102.702 25.02281 298.114 567865 102.678 25.00506 298.114 566865 102.69 25.03229 299.611 567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.585 565455 102.76 25.06409 302.585 566003 102.681 25.04055 302.62 565868 102.678 25.0406 302.62 565868 102.73 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.713 566671 102.743 25.01448 302.733 566742 102.744 25.01944 302.843 567799				
567865 102.678 25.00506 298.114 566865 102.69 25.03229 299.611 567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.585 567041 102.763 25.06409 302.585 565455 102.76 25.04055 302.62 565868 102.678 25.0406 302.62 565868 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 56671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567994				
567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.544 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.585 566003 102.681 25.0406 302.62 565868 102.678 25.0406 302.62 567355 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 56695 102.775 25.03839 302.911 566081				
567694 102.69 25.02781 300.44 566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.544 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.585 566003 102.681 25.0406 302.62 565868 102.678 25.0406 302.62 567355 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 56695 102.775 25.03839 302.911 566081	566865		25.03229	299.611
566005 102.686 25.01923 301.275 567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.544 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.62 565868 102.678 25.0406 302.62 565868 102.73 25.0024 302.682 565808 102.73 25.0024 302.682 565808 102.73 25.0024 302.682 565808 102.73 25.0024 302.682 565808 102.73 25.0014 302.713 565865 102.711 24.98295 302.713 5666671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.884 5669594 102.687 25.033241 302.884 566965				
567492 102.698 25.03638 302.167 565436 102.736 25.03555 302.3 566260 102.698 25.0514 302.544 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.62 565868 102.678 25.0406 302.62 565868 102.73 25.01111 302.645 565608 102.73 25.01111 302.645 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.884 566965 102.775 25.03839 302.911 566965 102.775 25.03839 302.911 56697 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720				
566260 102.698 25.0514 302.544 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.585 566003 102.681 25.04055 302.62 565868 102.678 25.0406 302.62 567355 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 566742 102.743 25.05319 302.823 567099 102.74 25.05319 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.687 25.03414 302.884 566965 102.775 25.03839 302.911 566399 102.688 25.05717 303.065 565720 </td <td></td> <td></td> <td></td> <td></td>				
566260 102.698 25.0514 302.585 567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.585 566003 102.681 25.04055 302.62 565868 102.73 25.0406 302.62 567355 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 56671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.687 25.03341 302.884 566965 102.775 25.03839 302.911 566397 102.784 25.04577 303.148 565720 <td></td> <td></td> <td></td> <td></td>				
567041 102.763 25.06409 302.585 565455 102.76 25.06403 302.585 566003 102.681 25.04055 302.62 565868 102.678 25.0406 302.62 567355 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 566742 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566399 102.688 25.05717 303.065 566597 102.732 24.9946 303.18 565720 102.733 25.01567 303.293 565780 <td>566260</td> <td>102.698</td> <td>25.0514</td> <td></td>	566260	102.698	25.0514	
565455 102.76 25.06403 302.585 566003 102.681 25.04055 302.62 565868 102.678 25.0406 302.62 567355 102.743 25.01111 302.682 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 566742 102.743 25.04148 302.733 567099 102.74 25.05319 302.823 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566391 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 565720 102.735 24.9946 303.18 565720 102.735 24.9946 303.18 565720 102.742 25.01567 303.293 567524	567041			
566003 102.681 25.0406 302.62 565868 102.678 25.0406 302.62 567355 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566397 102.742 25.04577 303.065 565720 102.735 24.9946 303.18 565720 102.732 25.01567 303.293 565743 102.742 25.01567 303.293 567524 102.68 25.00758 303.357 567524				
565868 102.678 25.0406 302.62 567355 102.743 25.01111 302.645 565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.733 566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566981 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 565971 102.735 24.9946 303.18 565720 102.735 24.9946 303.18 565780 102.742 25.01567 303.293 56724 102.68 25.00258 303.401 565482				
565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.713 566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.68 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566965 102.775 25.03839 302.973 566399 102.688 25.05717 303.065 56597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565463 102.742 25.01567 303.293 567524 102.687 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.74 25.0194 303.432 565607 <td>565868</td> <td>102.678</td> <td>25.0406</td> <td>302.62</td>	565868	102.678	25.0406	302.62
565608 102.73 25.0024 302.682 565894 102.708 24.98295 302.713 565865 102.711 24.98294 302.713 566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.68 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566965 102.775 25.03839 302.973 566399 102.688 25.05717 303.065 56597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565463 102.742 25.01567 303.293 567524 102.687 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.74 25.0194 303.432 565607 <td>567355</td> <td>102.743</td> <td></td> <td></td>	567355	102.743		
565865 102.711 24.98294 302.713 566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 56597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.74 25.01954 303.432 565607 102.74 25.01954 303.439 565666 <td></td> <td></td> <td></td> <td>302.682</td>				302.682
566671 102.743 25.04148 302.733 566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 56597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565744 102.737 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.01954 303.432 565607 102.74 25.01954 303.439 565661 102.743 25.01954 303.439 566668 <td>565894</td> <td>102.708</td> <td>24.98295</td> <td></td>	565894	102.708	24.98295	
566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565668 102.714 25.05761 303.608 33112 <td>565865</td> <td>102.711</td> <td>24.98294</td> <td></td>	565865	102.711	24.98294	
566742 102.749 25.05319 302.823 567099 102.74 25.01944 302.843 567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565668 102.714 25.05761 303.608 33112 <td>566671</td> <td>102.743</td> <td>25.04148</td> <td>302.733</td>	566671	102.743	25.04148	302.733
567409 102.688 25.05472 302.869 565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565774 102.737 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.432 565607 102.74 25.01954 303.439 565661 102.743 25.01954 303.439 565668 102.714 25.05761 303.608 33112 102.734 25.05761 303.608 565729 <td>566742</td> <td>102.749</td> <td></td> <td>302.823</td>	566742	102.749		302.823
565994 102.687 25.03241 302.884 566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.432 565607 102.74 25.01934 303.439 565661 102.743 25.01934 303.439 565668 102.714 25.05761 303.608 33112 102.734 25.0448 303.618 565729 102.719 25.02448 303.618 565393 102.714 24.9832 304.091 566605	567099	102.74	25.01944	302.843
566965 102.775 25.03839 302.911 566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565744 102.737 25.01567 303.293 567463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.432 565607 102.74 25.01954 303.432 565607 102.74 25.01954 303.439 565668 102.714 25.05761 303.608 33112 102.734 25.04861 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 566393	567409	102.688	25.05472	302.869
566081 102.69 24.9962 302.973 566399 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565774 102.737 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01954 303.439 565668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 <td>565994</td> <td>102.687</td> <td>25.03241</td> <td>302.884</td>	565994	102.687	25.03241	302.884
566399 102.688 25.05717 303.065 566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565774 102.737 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 565668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566605 <td>566965</td> <td>102.775</td> <td>25.03839</td> <td>302.911</td>	566965	102.775	25.03839	302.911
566597 102.724 25.04577 303.148 565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565774 102.737 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565668 102.714 25.05761 303.608 33112 102.734 25.05761 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078	566081	102.69	24.9962	302.973
565720 102.735 24.9946 303.18 565780 102.74 25.01175 303.232 565774 102.737 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566605 102.722 25.03693 304.134 33077 102.719 25.037601 304.134 33078 <td>566399</td> <td>102.688</td> <td>25.05717</td> <td>303.065</td>	566399	102.688	25.05717	303.065
565780 102.74 25.01175 303.232 565774 102.737 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566688 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 <td>566597</td> <td>102.724</td> <td>25.04577</td> <td>303.148</td>	566597	102.724	25.04577	303.148
565774 102.737 25.01158 303.232 565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565668 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 </td <td>565720</td> <td>102.735</td> <td>24.9946</td> <td>303.18</td>	565720	102.735	24.9946	303.18
565463 102.742 25.01567 303.293 567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565780	102.74	25.01175	303.232
567204 102.677 25.00758 303.357 567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566604 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565774	102.737	25.01158	303.232
567524 102.68 25.00236 303.401 565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565463	102.742	25.01567	303.293
565482 102.73 25.02891 303.416 565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	567204	102.677		
565732 102.761 24.98979 303.432 565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 567303 102.769 24.98569 304.305	567524	102.68	25.00236	303.401
565607 102.74 25.01954 303.439 565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565482	102.73	25.02891	303.416
565461 102.743 25.01934 303.439 566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565732	102.761	24.98979	303.432
566668 102.714 25.05761 303.608 33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565607	102.74	25.01954	303.439
33112 102.734 25.08461 303.618 565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565461	102.743	25.01934	303.439
565729 102.719 25.02448 303.76 568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	566668	102.714	25.05761	303.608
568066 102.744 25.01248 303.815 565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	33112	102.734	25.08461	303.618
565393 102.714 24.9832 304.091 566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565729	102.719	25.02448	303.76
566614 102.723 25.0698 304.099 566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	568066	102.744	25.01248	303.815
566605 102.722 25.03693 304.134 33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	565393	102.714	24.9832	304.091
33077 102.719 25.03721 304.134 33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	566614	102.723	25.0698	304.099
33078 102.757 25.07601 304.141 565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	566605	102.722	25.03693	304.134
565965 102.683 25.02012 304.267 567303 102.769 24.98569 304.305	33077		25.03721	304.134
567303 102.769 24.98569 304.305	33078	102.757	25.07601	304.141
	565965	102.683	25.02012	304.267
567510 102 714 24 99719 304 513	567303	102.769	24.98569	304.305
33.3.3 132.7.11 21.337.13 304.313	567510	102.714	24.99719	304.513
567415 102.745 25.07616 304.537	567415	102.745	25.07616	304.537

566682	102.716	25.04944	304.637
565951	102.693	25.03125	304.681
566764	102.75	25.07566	305.024
565682	102.76	25.00045	305.166
568864	102.687	25.04555	305.403
565369	102.689	25.04761	305.403
565360	102.748	25.00737	305.446
565850	102.678	25.01278	305.895
565526	102.736	25.02532	306.03
565976	102.732	25.05858	306.116
566028	102.685	25.02209	306.294
565861	102.688	25.02981	306.502
567286	102.68	25.01984	306.576
567693	102.751	25.02556	307.03
565489	102.752	25.02295	307.03
566058	102.696	25.03157	307.082
565903	102.699	25.0311	307.082
567010	102.756	25.02861	307.089
567205	102.68	25.00805	307.139
33162	102.757	24.97146	307.228
565634	102.73	25.02088	307.299
568176	102.74	25.0111	307.341
565905	102.69	25.03602	307.457
566610	102.721	25.06708	307.544
565595	102.763	25.00639	307.79
567481	102.694	24.99722	307.802
567199	102.684	25.02469	307.928
566772	102.75	25.07291	307.979
566735	102.753	25.07239	307.979
566684	102.732	25.04388	308.048
566651	102.729	25.0444	308.048
566799	102.742	25.07843	308.172
567025	102.716	25.03245	308.438
565971	102.679	25.01667	308.983
565622	102.735	25.00954	309.226
565430	102.782	25.00177	309.245
565636	102.719	25.03187	309.332
567889	102.754	25.0807	309.519
567347	102.757	25.08011	309.519
566006	102.678	25.04459	309.655
566370	102.697	25.0444	309.917
566986	102.759	25.02814	310.47
566981	102.757	25.02602	310.47
566681	102.719	25.07741	310.755
33110	102.731	25.0864	310.811
565438	102.774	24.98175	311.241
565496	102.73	24.99315	311.352
566627	102.725	25.06457	311.463
567413	102.693	24.99863	311.886
566068	102.696	24.99931	311.886
567295	102.687	25.01689	312.008
565914	102.685	25.01475	312.008
566316	102.722	24.98361	312.331
565627	102.725	24.98292	312.331
565550	102.701	25.03251	312.817
565403	102.723	24.98095	312.936

567882 102.731 25.02706 313.017 566608 102.73 25.0689 314.108 566751 102.76 25.04694 314.159 566740 102.729 25.06275 314.423 565563 102.75 25.00889 314.551 33157 102.753 25.00869 314.551 33235 102.745 24.96126 314.696 565042 102.733 25.04222 314.878 565926 102.703 25.04222 314.878 565926 102.703 25.04524 314.927 566749 102.734 25.0775 315.004 566394 102.696 25.0384 315.096 56710 102.693 25.03761 315.096 56710 102.733 25.04528 315.548 567257 102.738 25.04528 315.548 567505 102.762 25.07684 315.632 33134 102.734 25.04528 315.88 565740	566686	102.718	25.05323	312.99
566751 102.76 25.04694 314.159 566740 102.729 25.06275 314.423 565563 102.75 25.00889 314.551 33157 102.753 25.00966 314.551 33235 102.745 24.96126 314.696 565042 102.732 25.04222 314.878 565926 102.703 25.02549 314.927 566749 102.734 25.0775 315.004 566394 102.696 25.0384 315.096 566394 102.693 25.03761 315.096 567110 102.691 25.02258 315.32 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801	567882	102.731	25.02706	
566740 102.729 25.06275 314.423 565563 102.75 25.00889 314.551 33157 102.753 25.00966 314.551 33235 102.745 24.96126 314.696 565042 102.735 25.04222 314.878 565926 102.734 25.0755 315.004 566749 102.734 25.07671 315.004 566394 102.693 25.0344 315.096 566392 102.693 25.03761 315.096 566392 102.691 25.02258 315.396 56710 102.691 25.03761 315.595 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.0841 315.88 565974 102.71 25.01311 316.134 565801	566608	102.73	25.0689	314.108
566740 102.729 25.06275 314.423 565563 102.75 25.00889 314.551 33157 102.753 25.00966 314.551 33235 102.745 24.96126 314.696 565042 102.732 25.04222 314.878 565926 102.734 25.0775 315.004 566749 102.734 25.077671 315.004 566394 102.693 25.0384 315.096 566394 102.691 25.03248 315.096 567110 102.691 25.02258 315.32 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00443 315.88 565974 102.71 25.01311 316.105 565801 102.722 25.06667 316.764 565994 <td>566751</td> <td>102.76</td> <td>25.04694</td> <td>314.159</td>	566751	102.76	25.04694	314.159
565563 102.75 25.00889 314.551 33157 102.753 25.00966 314.551 33235 102.745 24.96126 314.696 565042 102.735 25.04222 314.878 565926 102.703 25.02549 314.927 566749 102.734 25.07671 315.004 566394 102.696 25.0384 315.096 566392 102.693 25.03761 315.096 567110 102.691 25.0258 315.132 567257 102.738 25.04528 315.548 567134 102.732 25.04528 315.548 567134 102.732 25.04521 315.595 567505 102.762 25.07684 315.832 33134 102.71 25.04731 315.726 567310 102.732 25.00841 315.88 56594 102.71 25.01311 316.105 565801 102.723 25.07667 316.276 565594 <td></td> <td>102.729</td> <td>25.06275</td> <td></td>		102.729	25.06275	
33157 102.753 25.00966 314.551 33235 102.745 24.96126 314.696 565042 102.735 25.04222 314.878 565926 102.703 25.02549 314.927 566749 102.734 25.07671 315.004 566394 102.696 25.0384 315.096 566392 102.693 25.03761 315.096 567110 102.691 25.0258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04764 315.595 566083 102.691 25.01077 315.595 567305 102.762 25.07684 315.535 567304 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 56594 102.71 25.01311 316.134 56630 102.726 24.99967 316.134 566794 102.737 25.07667 316.276 565594 <td></td> <td></td> <td></td> <td></td>				
33235 102.745 24.96126 314.696 565042 102.735 25.04222 314.878 565926 102.703 25.02549 314.927 566749 102.734 25.07671 315.004 566718 102.731 25.07671 315.004 566394 102.696 25.0384 315.096 566392 102.693 25.03761 315.096 567110 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.595 5676083 102.691 25.07684 315.632 33134 102.712 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.712 25.00841 316.134 566301 102.721 25.00825 316.764 56594 102.761 25.00825 316.764 565980	33157		25.00966	
565042 102.735 25.04222 314.878 565926 102.703 25.02549 314.927 566749 102.734 25.07671 315.004 566718 102.731 25.07671 315.004 566394 102.696 25.0384 315.096 566392 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.595 5678083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.726 24.99967 316.134 566530 102.726 24.99967 316.134 566594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 5674				
565926 102.703 25.02549 314.927 566749 102.734 25.0775 315.004 566718 102.731 25.07671 315.004 566394 102.696 25.0384 315.096 566392 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.08222 317.324 566745				
566749 102.734 25.0775 315.004 566718 102.731 25.07671 315.004 566394 102.696 25.0384 315.096 566392 102.693 25.03761 315.096 567110 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.024 566719 102.733 25.08222 317.324 566745				
566718 102.731 25.07671 315.004 566394 102.696 25.0384 315.096 566392 102.693 25.03761 315.096 567110 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 566719 102.737 25.00625 316.764 56594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567920 102.733 25.03628 317.227 56811<	566749			
566394 102.696 25.0384 315.096 566392 102.693 25.03761 315.096 567110 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.253 5667459 102.724 25.08222 317.324 5666				
566392 102.693 25.03761 315.096 567110 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 565594 102.737 25.07667 316.764 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.223 5667459 102.724 25.08222 317.324 566				
567110 102.691 25.02258 315.132 567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 565594 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.224 5667459 102.724 25.08222 317.324 5667450 102.727 25.08136 317.553 56				
567257 102.738 25.04528 315.548 567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 565749 102.731 25.07667 316.276 56594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 566758 102.724 25.08222 317.324 566658 102.724 25.08333 317.766 567658 102.732 25.05945 317.648 56762				
567134 102.734 25.04517 315.557 566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 56594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.324 566758 102.724 25.08222 317.324 566641 102.752 25.06968 317.553 566607 102.745 25.06333 317.766 567622 102.734 25.07979 317.941 56795				
566083 102.691 25.01077 315.595 567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 565719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567980 102.688 25.02124 317.064 567920 102.733 25.09045 317.227 568181 102.683 25.05368 317.324 566758 102.724 25.08222 317.324 566641 102.75 25.08968 317.553 566607 102.729 25.05945 317.668 567622 102.734 25.07979 317.941 56719				
567505 102.762 25.07684 315.632 33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 567622 102.734 25.07891 317.941 567631 102.72 24.99991 318.182 567855				
33134 102.71 25.04731 315.726 567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567631 102.72 24.99991 318.182 567885				
567310 102.739 25.00841 315.88 565974 102.71 25.01311 316.105 565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 567658 102.744 25.06333 317.766 567658 102.734 25.07979 317.941 567622 102.731 25.07891 317.941 567853 102.732 25.05213 318.382 567				
565974 102.71 25.01311 316.105 565801 102.726 24.99967 316.134 565630 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566758 102.727 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 318.182 567885 102.732 25.05813 318.311 5				
565801 102.723 25.00049 316.134 565630 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06908 317.766 567658 102.744 25.06604 317.766 567658 102.744 25.06604 317.766 567622 102.731 25.07891 317.941 567190 102.731 25.07891 318.182 567885 102.732 25.05814 318.311 5				
565630 102.726 24.99967 316.134 566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06933 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 567885 102.732 25.06814 318.311 566629 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 5				
566719 102.737 25.07667 316.276 565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567658 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 567622 102.734 25.07999 318.182 567885 102.732 24.99991 318.182 567885 102.733 25.06814 318.311 566029 102.732 25.05302 318.349 5				
565594 102.761 25.00825 316.764 565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 567885 102.731 25.07891 317.941 566629 102.733 25.06814 318.311 566629 102.732 25.05213 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 5670				
565980 102.688 25.02124 317.064 567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 567885 102.732 24.99991 318.182 567885 102.733 25.06814 318.311 567087 102.732 25.05213 318.349 566112 102.772 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 56642				
567202 102.733 25.09045 317.227 568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567658 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 567851 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.05903 318.341 567087 102.732 25.05213 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422				
568181 102.683 25.05368 317.263 567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 567885 102.732 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.05903 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 56697				
567459 102.724 25.08222 317.324 566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 567851 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.732 25.05213 318.349 566112 102.729 25.05203 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 565973 102.693 25.02158 319.62 565402<				
566758 102.727 25.08136 317.324 566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.341 567087 102.732 25.05213 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565822 </td <td></td> <td></td> <td></td> <td></td>				
566641 102.75 25.06968 317.553 566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.341 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565822 </td <td></td> <td></td> <td></td> <td></td>				
566607 102.729 25.05945 317.648 568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 567087 102.732 25.05903 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565822 102.747 24.98997 319.828 565652 102.746 25.00999 320.208 565459<				
568100 102.745 25.06333 317.766 567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.341 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565822 102.747 24.98997 319.828 565652 102.746 25.00999 320.208 567097<				
567658 102.744 25.06604 317.766 567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.341 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565822 102.747 24.98997 319.828 565822 102.746 25.00999 320.208 565459 102.774 25.01272 320.208 565459<				
567622 102.734 25.07979 317.941 567190 102.731 25.07891 317.941 565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.341 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.719 25.05898 319.39 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.775 24.98361 320.366 568069 </td <td></td> <td></td> <td></td> <td></td>				
567190 102.731 25.07891 317.941 565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.311 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.775 24.9956 320.366 567097 102.775 24.98361 320.689 567095 </td <td></td> <td></td> <td></td> <td></td>				
565631 102.72 24.99991 318.182 567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.311 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
567885 102.733 25.06814 318.311 566629 102.736 25.06903 318.311 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.777 24.99556 320.366 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.713 567095 102.739 25.05618 320.713				
566629 102.736 25.06903 318.311 567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
567087 102.732 25.05213 318.349 566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
566112 102.729 25.05302 318.349 565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.777 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
565810 102.777 24.99213 318.946 33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
33629 102.692 24.995 319.219 567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
567082 102.719 25.05898 319.39 566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
566422 102.713 25.05487 319.471 566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
566079 102.696 25.02158 319.62 565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
565973 102.693 25.02066 319.62 565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
565402 102.747 24.98997 319.828 565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
565822 102.682 25.03012 320.178 565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
565652 102.746 25.00999 320.208 565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
565459 102.747 25.01272 320.208 567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
567097 102.775 24.99556 320.366 568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713				
568069 102.755 24.98361 320.689 567095 102.739 25.05618 320.713	565459			
567095 102.739 25.05618 320.713	567097	102.775	24.99556	320.366
				320.689
565616 102.721 25.03411 320.736				
	565616	102.721	25.03411	320.736

566611	102.721	25.07306	320.813
566635	102.736	25.05523	320.854
565859	102.714	24.98579	321.013
565610	102.717	24.98675	321.013
567269	102.764	24.99736	321.268
565532	102.763	25.0001	321.268
567137	102.743	25.05619	321.579
565740	102.772	24.99462	321.743
565565	102.775	24.99364	321.743
33547	102.743	24.97851	322.31
566093	102.702	24.995	322.502
566226	102.733	25.05422	322.751
566057	102.694	25.05898	322.859
565598	102.697	25.05797	322.859
566616	102.726	25.05404	323.143
567149	102.681	24.99955	323.269
566496	102.707	25.0496	323.31
566263	102.71	25.04858	323.31
565479	102.738	25.03708	323.573
568119	102.751	25.06028	323.638
568183	102.704	25.04662	323.949
566327	102.707	25.04558	323.949
33074	102.761	25.07994	324.86
33120	102.721	25.0797	325.035
567323	102.763	24.96992	325.331
565736	102.76	24.97099	325.331
568178	102.68	25.05827	325.54
566067	102.702	25.03517	325.591
566225	102.757	25.0634	325.939
566224	102.754	25.06449	325.939
567542	102.78	24.97825	326.01
565768	102.766	25.00589	326.073
565486	102.769	25.0048	326.073
566638	102.735	25.04238	326.44
567888	102.753	25.06928	326.795
566654	102.751	25.06697	326.795
566765	102.748	25.07805	326.994
565618	102.728	25.02594	327.282
567224	102.687	25.01296	327.312
566080	102.682	25.01132	327.613
565986	102.683	25.00852	327.613
565371	102.694	25.04252	327.673
566793	102.716	25.06501	328.554
566344	102.685	25.05588	328.852
566636	102.736	25.05309	329.823
566761	102.746	25.055	330.264
566766	102.747	25.07411	330.671
566604	102.74	25.06162	330.877
568106	102.742	25.06201	331.2
566643	102.744	25.05965	331.2
566023	102.688	25.00276	331.61
566059	102.684	25.03119	331.671
33161	102.739	25.00108	331.855
33156	102.74	25.00392	331.855
567270	102.767	24.9983	331.973
567602	102.753	25.07601	332.335

567130	102.691	25.04101	332.569
565904	102.688	25.03977	332.569
33181	102.675	25.00996	333.02
565473	102.748	24.96125	333.209
567067	102.696	25.03577	333.511
566404	102.693	25.03451	333.511
565380	102.741	25.02796	333.526
567381	102.769	24.99274	333.608
566134	102.715	25.0419	333.638
567207	102.726	25.04313	333.962
566040	102.684	24.99853	333.978
565979	102.688	25.02337	334.481
565648	102.728	24.99528	334.806
565654	102.724	25.03103	335.031
567745	102.73	25.07374	335.036
566679	102.742	25.04471	335.34
565571	102.719	25.01253	335.46
565735	102.762	24.98757	335.703
565733	102.764	24.98998	335.703
566664	102.735	25.06573	335.893
33195	102.702	25.02837	336.306
566653	102.716	25.05108	336.341
566634	102.719	25.04976	336.341
33109	102.761	25.04314	336.404
568104	102.738	25.08306	336.514
565743	102.77	24.98802	336.627
566602	102.746	25.05753	337.305
566391	102.68	25.05234	337.314
566278	102.704	25.04825	337.817
565869	102.689	25.00859	337.904
565414	102.766	24.97087	338.218
565490	102.744	25.00821	338.328
565962	102.704	24.99281	338.375
565883	102.702	24.99037	338.375
565516	102.719	24.98908	338.444
566806	102.743	25.08971	339.076
566626	102.733	25.06149	339.272
566646	102.748	25.06559	339.277
566871	102.736	25.10088	339.708
565754	102.733	25.01738	340.346
565840	102.779	25.00424	340.633
565744	102.776	25.00284	340.633
565431	102.74	25.00689	341.048
566091	102.675	25.01318	341.41
565851	102.676	25.01611	341.41
566002	102.686	25.00994	341.441
566277	102.713	25.05252	341.603
567491	102.707	24.9864	342.526
565844	102.71	24.98784	342.526
565620	102.74	25.03436	342.947
565379	102.743	25.03291	342.947
566744	102.752	25.05733	343.208
567071	102.69	25.04427	343.451
568171	102.721	25.01574	343.51
33079	102.764	25.07934	343.676

565896	102.704	24.98241	343.767
566297	102.729	25.05612	343.95
567293	102.745	25.09264	344.139
566315	102.705	25.03625	344.596
565442	102.697	25.02861	344.598
566957	102.772	25.02147	344.634
566748	102.721	25.08073	345.069
565383	102.684	25.04779	346.109
565408	102.734	25.01446	347.267
566738	102.751	25.07917	347.347
567485	102.754	25.08734	347.459
565564	102.775	24.97399	348.297
567376	102.747	25.06812	348.525
565902	102.683	25.03643	348.784
33182	102.681	25.03387	348.784
565723	102.758	24.98266	349.196
565605	102.756	24.98522	349.196
566755	102.729	25.09068	350.005
33118	102.731	25.08811	350.005
566593	102.726	25.03823	350.541
567483	102.683	25.00255	350,616
565998	102.682	25.01405	350.988
567285	102.749	25.01732	350.993
565456	102.75	25.0143	350.993
567500	102.717	24.99468	350.998
565898	102.718	24.9977	350.998
568755	102.693	24.98306	351.001
33589	102.692	24.98608	351.001
567617	102.706	25.02632	351.886
567263	102.719	25.04209	352.116
33122	102.775	25.05218	352.209
567417	102.726	25.00926	352.452
566976	102.769	25.0224	352.802
565968	102.709	25.00328	352.887
565900	102.707	25.00326	352.887
		24.99768	
565621 567461	102.73		352.899
	102.701	24.98132	352.987
33051	102.74	25.02501	353.013
566090	102.687	25.04281	353.12
565506	102.779	25.0012	353.232
565497	102.745	24.97966	353.756
565481	102.743	24.98227	353.756
567354	102.726	25.03216	354.19
565501	102.727	25.02911	354.19
567208	102.75	25.08222	354.566
566777	102.747	25.08056	354.566
567494	102.727	25.08389	354.795
565813	102.78	24.99046	355.221
567411	102.881	25.05111	356.326
565521	102.795	24.99083	357.16
567747	102.722	25.01133	357.944
566048	102.689	24.99328	358.159
566773	102.741	25.08173	358.575
566159	102.706	25.05979	358.621
566956	102.754	25.06	359.19
565950	102.697	25.02454	359.293

568059	102.748	24.98361	359.314
567298	102.682	25.01702	359.532
567531	102.711	24.99095	360.073
567290	102.77	25.10037	360.075
565560	102.733	25.02974	360.14
33172	102.724	25.01398	360.395
567497	102.727	25.00455	361.031
567598	102.74	25.08677	361.219
566362	102.755	25.06658	361.95
565396	102.732	25.03769	362.901
566941	102.742	24.96049	363.681
566754	102.732	25.0925	364.032
566756	102.741	25.09185	364.707
565551	102.722	24.99044	364.884
565658	102.76	24.96316	364.917
566864	102.711	25.02706	366.031
566432	102.715	25.03878	366.383
568020	102.696	25.01833	366.536
566647	102.726	25.05759	366.596
565955	102.706	25.02363	366.665
566660	102.718	25.07312	367.006
565975	102.704	25.01536	367.018
565817	102.735	25.0325	367.548
568054	102.759	24.99255	367.584
565999	102.694	25.02673	367.921
567313	102.738	25.08	369.084
565775	102.739	25.03338	369.156
565641	102.761	25.00364	369.162
565576	102.769	24.97903	369.292
565378	102.682	25.04501	369.398
33163	102.738	25.03018	370.227
565642	102.751	25.02908	370.985
566677	102.722	25.05223	371.261
566625	102.724	25.04943	371.261
565824	102.687	24.99608	371.311
33063	102.728	25.01793	371.782
567528	102.764	25.09667	371.883
33119	102.724	25.05031	372.291
565913	102.683	25.04179	372.367
567261	102.694	24.98722	373.937
566092	102.696	24.99005	373.937
566599	102.739	25.06927	374.052
33115	102.741	25.0721	374.052
568185	102.704	25.04762	374.323
567891	102.725	24.98583	374.97
565633	102.727	24.98867	374.97
565639	102.777	25.00708	375.047
565753	102.723	25.00299	375.591
565760	102.751	24.98535	375.721
565494	102.749	24.9882	375.721
566600	102.742	25.04783	375.968
567294	102.745	24.9625	376.472
566980	102.762	25.02931	376.659
566069	102.694	25.01239	376.662
566007	102.693	25.00913	376.662
566591	102.748	25.06131	377.134

33111	102.727	25.09178	377.416
33106	102.725	25.08891	377.416
565624	102.732	25.01159	377.86
565758	102.766	24.97713	379.778
565808	102.772	24.973	380.455
565674	102.769	24.97507	380.455
567488	102.745	24.95842	380.483
33562	102.727	25.08679	380.625
565592	102.746	25.00531	380.693
566644	102.737	25.06282	380.927
568122	102.81	25.03869	381.609
565640	102.758	25.00573	381.748
566031	102.69	25.01408	382.027
565705	102.783	24.99846	382.03
566612	102.73	25.04096	382.552
566732	102.757	25.05789	383.003
565756	102.746	24.98604	386.372
565508	102.772	24.99148	386.569
565719	102.724	25.01429	386.748
33194	102.713	25.01367	387.316
565572	102.718	24.98313	389.371
565805	102.774	25.00583	389.894
565354	102.695	25.06097	390.133
565841	102.704	24.98862	390.769
567007	102.77	25.02722	390.836
566974	102.767	25.025	390.836
566734	102.749	25.09179	391.06
567188	102.687	24.9833	391.49
565878	102.677	25.03738	392.06
565983	102.708	24.99086	392.1
567895	102.722	25.05806	393.841
566971	102.77	25.01896	396.002
565579	102.772	25.00891	397.539
567439	102.757	25.0477	397.695
566802	102.755	25.05078	397.695
566656	102.723	25.06148	398.836
567256	102.754	25.05556	398.858
566775	102.777	25.04042	399.013
566789	102.737	25.0725	399.222
565647	102.76	24.99776	399.329
565982	102.683	24.99567	400.06
565881	102.68	24.99802	400.06
567897	102.704	25.05668	400.474
567236	102.746	25.02611	400.595
567209	102.778	25.02444	401.032
566970	102.781	25.02208	401.032
565480	102.782	24.98055	402.472
566596	102.733	25.07245	403.364
566467	102.68	25.06004	403.386
565491	102.756	25.00042	403.571
565435	102.755	24.99419	403.579
565513	102.747	25.01923	403.681
566978	102.778	25.01629	403.806
565845	102.713	25.00266	403.809
565997	102.711	25.01878	403.973
567964	102.697	25.01694	404.081

566044	102.701	25.01675	404.081
567640	102.773	25.04018	404.31
566778	102.787	25.03998	404.449
565766	102.766	25.00183	404.511
565566	102.77	25.00208	404.511
565961	102.705	24.99633	404.626
565458	102.754	25.01457	404.629
566945	102.871	25.0472	404.693
565680	102.759	24.9942	404.868
565646	102.763	24.99391	404.868
565535	102.757	25.02015	405.263
565488	102.753	25.02049	405.263
567322	102.761	25.04958	405.608
566011	102.711	25.01664	405.7
565827	102.715	25.03603	406.468
565666	102.729	24.98248	406.577
565888	102.716	25.01123	406.654
565582	102.767	25.01202	406.756
565671	102.773	24.97654	406.786
565696	102.747	25.0413	406.947
566261	102.709	25.05438	407.126
565750	102.759	25.06022	407.415
565612	102.745	24.96667	407.798
567585	102.739	25.09949	407.987
565035	102.868	25.02639	408.191
565027	102.872	25.02694	408.191
565659	102.758	24.96504	408.392
565613	102.754	24.96448	408.392
33180	102.698	24.9878	408.697
565416	102.767	24.99489	408.922
566000	102.714	25.00803	409.393
566055	102.688	24.9867	409.462
567203	102.747	25.03906	410.107
565352	102.699	25.06164	410.235
568056	102.729	24.98516	410.46
565355	102.705	25.05367	410.945
565643	102.756	24.99704	411.45
565806	102.764	24.97409	411.459
565419	102.724	25.0172	411.603
567320	102.753	25.01806	411.713
565524	102.729	25.0141	411.899
567547	102.757	25.04389	411.942
567287	102.696	25.00667	412.066
567175	102.697	25.00308	412.066
565925	102.702	24.98491	412.287
565710	102.732	24.96735	412.367
565600	102.736	24.96811	412.367
567604	102.727	25.08563	412.378
565958	102.709	25.02318	412.638
567009	102.769	25.03306	412.804
566988	102.765	25.03384	412.804
565819	102.783	24.98405	413.246
567557	102.732	25.09597	414.197
566877	102.728	25.09512	414.197
566728	102.776	25.04389	414.411
33140	102.705	25.0524	415.165

567896	102.7	25.05466	415.573
567701	102.743	25.085	416.133
565759	102.774	25.00044	416.215
33238	102.77	24.99953	416.215
567023	102.777	25.01872	416.45
566972	102.774	25.01615	416.45
565492	102.726	24.99137	416.655
567159	102.686	25.00512	416.781
565415	102.731	25.03302	417.148
565531	102.733	25.001	417.574
566785	102.79	25.0544	418.008
566590	102.741	25.06598	418.094
565525	102.771	24.9824	418.16
565454	102.758	25.08773	418.393
33577	102.755	25.09033	418.393
565510	102.773	24.9867	418.972
566468	102.71	25.06299	419.824
566979	102.763	25.02605	420.065
565604	102.763	25.01156	420.091
565684	102.776	24.98941	420.115
567163	102.744	25.01534	420.454
566012	102.717	25.00566	420.754
567167	102.774	24.99843	421.569
566969	102.758	25.03616	423.266
565884	102.675	25.03436	423.44
565864	102.679	25.03321	423.44
565739	102.779	24.98485	423.729
565673	102.777	24.9815	423.729
565427	102.692	24.98387	424.217
565464	102.757	24.96133	425.147
567061	102.7	25.05302	425.241
565978	102.713	24.97657	425.445
33048	102.717	24.97778	425.445
565889	102.709	25.00537	426.221
565410	102.715	25.0187	426.453
566074	102.715	24.99039	429.13
565606	102.743	25.02337	429.421
567078	102.714	25.07369	429.838
33095	102.716	25.0771	429.838
567522	102.738	24.99444	430.183
565689	102.735	24.99719	430.183
565678	102.783	24.98883	430.509
565498	102.74	24.9795	432.111
568097	102.781	25.05361	433.102
565637	102.767	25.00968	433.795
565468	102.752	24.96269	434.346
565737	102.76	24.97677	435.13
566975	102.776	25.02295	435.826
566783	102.746	25.05021	436.755
565675	102.72	24.99393	437.786
565609	102.778	24.9965	439.131
565661	102.756	24.97531	440.3
566010	102.717	25.00279	440.898
566949	102.874	25.04782	440.97
566948	102.878	25.04942	440.97
565734	102.766	24.98597	441.156

566412	102.705	25.06303	441.38
565334	102.701	25.06142	441.38
566750	102.751	25.04916	441.824
565724	102.715	25.02158	442.871
567094	102.722	25.05594	443.223
568098	102.754	25.05378	443.676
568027	102.746	24.97556	446.31
565668	102.732	24.98221	446.626
32775	102.684	25.06	446.98
566967	102.751	25.04082	448.388
567326	102.677	25.02028	449.365
567089	102.743	25.0384	449.817
567568	102.742	24.98778	450.815
565800	102.741	24.98383	450.815
33575	102.748	25.06329	451.678
567527	102.788	25.05583	453.568
567244	102.784	25.05397	453.568
566763	102.767	25.09286	454.328
565885	102.707	25.01229	456.488
565667	102.732	24.98664	457.652
565527	102.731	24.99065	457.652
566073	102.698	24.98295	458.811
33160	102.76	25.03218	461.012
566984	102.767	25.02933	461.131
565645	102.704	25.05773	463.071
565602	102.758	24.96724	463.88
566753	102.738	25.09538	463.903
565529	102.754	24.96711	464.81
565472	102.739	24.96919	465.08
565471	102.743	24.96711	465.08
565657	102.778	24.97742	465.258
567266	102.689	25.00074	466.714
567241	102.752	24.99916	467.504
567892	102.747	24.96994	467.693
566985	102.749	24.96615	467.693
567319	102.761	24.97945	468.322
567265	102.76	25.08333	469.267
565635	102.748	25.03577	469.607
566680	102.713	25.06824	469.887
565412	102.755	25.00454	469.928
565048	102.769	25.08944	471.047
566874	102.73	25.09895	471.623
565767	102.764	25.01528	472.531
568110	102.773	25.04715	472.652
565514	102.782	24.99426	474.278
567441	102.763	25.05667	475.755
567615	102.756	24.98925	475.995
567767	102.699	24.996	476.844
567183	102.739	24.96481	478.021
565512	102.727	24.97864	478.58
567157	102.808	25.0416	479.011
565350	102.764	25.05988	479.381
566999	102.756	25.04007	479.729
		25 00517	400 740
567292	102.746	25.09517	482.743
567292 565722 567353	102.746 102.715 102.681	25.02351 25.0252	483.859 486.818

566321	102.679	25.02918	486.818
565381	102.678	25.04748	488.2
566720	102.764	25.04446	488.83
567465	102.754	25.01175	493.36
566982	102.761	25.02197	496.973
565835	102.685	24.99159	496.993
565478	102.787	24.98666	497.307
566987	102.763	25.03573	497.635
567027	102.787	25.02166	497.99
567173	102.696	25.00219	498.304
567220	102.793	25.00121	500.165
565397	102.796	24.99763	500.165
565487	102.758	25.00909	500.513
567546	102.778	25.04714	504.256
566787	102.785	25.09031	504.318
566943	102.782	25.01902	505.143
565509	102.753	24.98119	505.151
568101	102.767	25.09472	505.495
566779	102.768	25.03981	505.964
567299	102.758	25.06988	508.568
566947	102.730	25.05077	510.055
565726	102.754	24.9711	510.055
565424	102.766	24.98025	512.331
566745	102.769	25.04359	513.484
566013	102.709	24.97406	513.464
565765		24.97236	514.622
	102.734		
567248	102.719	24.97806	516.5
567596	102.792	24.98913	517.855
33545	102.787	24.99018	517.855
33073	102.786	25.09205	518.471
565676	102.74	24.95721	522.289
566996	102.872	25.05215	522.512
565561	102.74	24.99878	523.162
568065	102.865	25.02806	528.19
565537	102.768	24.96843	531.208
567008	102.772	25.03164	531.575
567574	102.772	25.09438	531.705
566072	102.709	24.9734	533.609
565520	102.782	25.0055	534.208
567600	102.867	25.04749	534.254
565584	102.798	24.99042	534.74
565522	102.795	24.99438	534.74
566747	102.765	25.0492	537.206
567626	102.784	25.05901	542.472
566759	102.761	25.09551	543.092
566726	102.763	25.09098	543.092
567601	102.704	24.97806	545.587
567357	102.709	24.97619	545.587
565664	102.729	24.9671	548.812
33234	102.759	25.01729	551.784
567580	102.675	24.99597	553.677
567336	102.87	25.03667	563.028
565030	102.868	25.03194	563.028
566066	102.695	24.97851	564.104
566026	102.699	24.97497	564.104
566781	102.782	25.04231	567.074
230.01			

567011	102.785	25.02575	574.198
567184	102.739	24.9623	575.534
565665	102.752	24.95882	576.806
565031	102.868	25.04278	577.898
565764	102.736	24.9774	596.246
566557	102.772	25.09769	602.687
565596	102.728	24.97195	607.193
567715	102.804	25.03928	608.7
567075	102.75	24.97588	608.809
566977	102.883	25.05617	609.526
566795	102.778	25.05083	612.739
566743	102.772	25.04996	612.739
566731	102.767	25.0544	612.994
567506	102.704	24.97184	613.174
567537	102.798	25.04028	615.236
568121	102.792	25.05111	615.57
568115	102.796	25.05529	615.57
567619	102.736	24.97529	618.512
566946	102.889	25.05146	621.359
565585	102.801	24.99564	621.4
567021	102.881	25.04585	625.702
566049	102.702	25.01001	628.806
565466	102.746	24.9555	634.768
565046	102.78	25.09017	640.069
565433	102.749	24.9922	644.516
565045	102.783	25.09583	647.035
566983	102.777	25.03532	649.729
566767	102.755	25.0933	652.989
567194	102.874	25.02861	653.841
566770	102.768	25.10243	664.088
568117	102.802	25.05056	675.894
566730	102.8	25.04476	675.894
567893	102.873	25.05611	687.707
568075	102.875	25.03472	687.71
567157	102.812	25.03658	689.232
566997	102.775	24.97055	696.678
566784	102.791	25.03979	708.076
567222	102.791	25.03972	708.696
566038	102.686	24.98032	722.988
565547	102.791	25.00261	730.589
566022	102.676	24.99248	737.023
568209	102.879	25.02444	748.165
565028	102.872	25.02222	748.165

566989	400 700	0-04000	
	102.782	25.01369	753.612
565037	102.882	25.03722	758.891
566992	102.86	25.04585	801.405
566991	102.854	25.04113	801.405
567530	102.787	25.06306	810.249
567489	102.886	25.04014	811.37
566968	102.887	25.06884	811.387
568072	102.851	25.03639	819.788
33248	102.77	25.07832	823.261
565029	102.874	25.06222	827.782
566966	102.82	25.03464	835.284
567718	102.891	25.0747	842.528
566821	102.895	25.06806	842.528
566960	102.89	25.05914	860.861
565034	102.866	25.06056	861.984
566762	102.746	25.10047	877.553
567016	102.79	25.01929	878.178
566018	102.772	25.0862	896.523
565036	102.859	25.034	896.784
565043	102.805	25.05161	914.185
33096	102.755	25.09944	914.484
566786	102.795	25.0895	950.703
567699	102.797	25.0146	1011.904
567741	102.823	25.03	1033.891
566776	102.794	25.08555	1050.747
564595	102.836	25.09583	1096.024
567258	102.805	25.08606	1110.463
33237	102.895	25.05019	1111.201
566942	102.843	25.03769	1173.66
568298	102.831	25.09944	1183.439
568297	102.828	25.08917	1183.439
566990	102.833	25.03204	1188.646
565033	102.88	25.07889	1322.606
565026	102.872	25.01466	1366.484
568068	102.804	25.02111	1426.698
565041	102.782	25.07667	1463.873
565044	102.803	25.0675	1531.77
565047	102.812	25.065	1649.266
564499	102.867	25.09281	2029.692
565025	102.895	25.095	2346.039
568313	102.863	25.09831	2735.798

三、 线行时间查找和最近点对查找

● 源程序代码

```
double longitude, latitude; //精度和纬
   度 double k_dist; //基站距离
};
//数据和文件处理
int readData(Book* book, struct baseData data[]);
int saveData(Book* book, struct baseData data[], wchar_t
saveFileName[]);
int dataCopy(struct baseData data[], struct baseData data2[]);
//合并排序
void mergeSort(struct baseData data[], int mode);
void mergePass(struct baseData dataX[], struct baseData
dataY[], int s, int mode);
void merge(struct baseData dataC[], struct baseData dataD[],
int 1, int m, int r, int mode);
//快速排序
void quickSort(struct baseData data[], int low, int high);
int patition(struct baseData data[], int low, int high);
double chooseOneFromThree(struct baseData data[], int low, int
high);
void insertSort(struct baseData data[], int low, int high);
//线性时间选择
struct baseData randomizedSelect(struct baseData data[], int p,
int r, int k);
int randomizedPartition(struct baseData data[], int low,
int high);
int chooseOneRandomly(struct baseData data[], int low, int
high);
//最近点对查找
void closest_pair(struct baseData data[], int n, struct
&a, struct baseData &b, double &distance);
void closest(struct baseData dataX[], struct baseData dataY[],
int low, int high, struct baseData &a, struct baseData &b,
double
&d);
double dist(struct baseData a, struct baseData b);
//次近点对查找
void secondClosestPair(struct baseData data[], int n,
struct baseData &c, struct baseData &d, double &distance,
struct baseData a, struct baseData b);
//main 函数
int main(void){
   //数据初始化
   Book* book = xlCreateBook();
   struct baseData data[1050];
```

```
if (!book){
      cout << "Error when init book." << endl;</pre>
      return -1;
   if (readData(book, data) <= 0)</pre>
      return -2;
   Book* bookSave = xlCreateBook();
   if (!bookSave){
      cout << "Error when init book." << endl;</pre>
      return -1;
   }
   //快速排序
   struct baseData dataSorted[1050];
   dataCopy(data, dataSorted);
   quickSort(dataSorted, 1, NUM);
   wchar_t saveSheetName[] = L"Sheet1"; //要保存的工作表名称为
   sheet1
   if (saveData(bookSave, dataSorted, saveSheetName) <= 0)</pre>
      return -3;
   //合并排序
   dataCopy(data, dataSorted);
   mergeSort(dataSorted, 3);
   saveSheetName[5]= L'2'; //要保存的工作表名称为 sheet2
   if (saveData(bookSave, dataSorted, saveSheetName) <= 0)</pre>
      return -3;
   //线性时间查找
   int k = 0;
   cout << "Please input the rank of data you want:";</pre>
   cin >> k;
   struct baseData temp = randomizedSelect(data, 1, NUM, k);
   cout << "The " << k << "th data is " << temp.enodebid <<</pre>
<< temp.k_dist << endl;
   //最近点对查找
   dataCopy(data,
   dataSorted); struct
   baseData a, b; double
   distance;
   closest_pair(dataSorted, NUM, a, b, distance);
   cout << "The nearest data pair is " << a.enodebid << " and "</pre>
<< b.enodebid <<", the distance is "<< distance << endl;
   //次近点对查找
   struct baseData c, d;
   double distance2;
   secondClosestPair(data, NUM, c, d, distance2, a, b);
   cout << "The second nearest data pair is " << c.enodebid <<</pre>
" and " << d.enodebid << ", the distance is " << distance2 <<</pre>
endl;
```

```
//保存所有工作表到 excel 文件
   中 bookSave->release();
   system("PAUSE");
  return 0;
}
//合并排序
void mergeSort(struct baseData data[], int mode){ //合并排序的总
函 数,将数组从大小为1开始进行合并
   struct baseData data2[1050];
   int s = 1;
   while (s < NUM){</pre>
     mergePass(data, data2, s, mode);//合并到 data2 中
     mergePass(data2, data, s, mode); //再合并回 data 中
   }
}
void mergePass(struct baseData dataX[], struct baseData
dataY[], int s, int mode){
   //将大小为 s 的相邻子数组合并
   int i = 1;
   while (i \le NUM - 2 * s)
      //合并大小为 s 的相邻两个子数组
     merge(dataX, dataY, i, i + s - 1, i + 2 * s - 1,
     mode); i = i + 2 * s;
   if (i + s <= NUM) / / 如果剩下的元素少于 2s 个
     merge(dataX, dataY, i, i + s - 1, NUM,
  mode); else //如果剩下的元素少于s个
     for (int j = i; j <= NUM; j++)</pre>
         dataY[j] = dataX[j];
}
void merge(struct baseData dataC[], struct baseData dataD[],
int 1, int m, int r, int mode){
   //将 c[1,m]和 c[m+1,r]合并到 d[1,r]
    int i = 1, j = m + 1, k =
    1; while ((i <= m) && (j
             <= r))
      switch (mode){
         case 1:if (dataC[i].latitude < dataC[j].latitude)</pre>
                  dataD[k++] = dataC[i++];
              else
                 dataD[k++] = dataC[j++];
            break;
         case 2:if (dataC[i].longitude < dataC[j].longitude)</pre>
                  dataD[k++] = dataC[i++];
              else
```

```
dataD[k++] = dataC[j++];
           break;
        case 3:if (dataC[i].k_dist < dataC[j].k_dist)</pre>
                 dataD[k++] = dataC[i++];
             else
                dataD[k++] = dataC[j++];
           break;
  }
if (i > m)
     for (int q = j; q <= r; q++)</pre>
        dataD[k++] = dataC[q];
  else
     for (int q = i; q <= m; q++)</pre>
        dataD[k++] = dataC[q];
}
//快速排序
void quickSort(struct baseData data[], int low, int high){ //快
速 排序的总函数,将数组分区后分治排序
  if (low < high){ //长度大于 1
     if (high - low <= 20){ //当长度小于 20 时直接插入排序
        insertSort(data, low, high);
     }
     else{
        int pivotloc = patition(data, low, high); //将数据一分为
         I quickSort(data, low, pivotloc - 1); //对前半部分进行排
        序 quickSort(data, pivotloc + 1, high); //对后半部分进行
        排序
     }
  }
}
int patition(struct baseData data[], int low, int high){ //将子
表
(L.data[low]至L.data[high]) 按照数轴元素排序并返回枢轴元素的位置
  data[0] = data[low];
  double pivotKey = chooseOneFromThree(data, low, high); //将子
表 的第一个记录、中间记录和最后一个记录三者的中值的作为枢轴记录
  while (low < high){ //从表的两端交替向中间扫描
     while (low < high && data[high].k_dist >= pivotKey) //将比
枢 轴记录小的记录移到低端
        --high;
     data[low] = data[high];
     while (low < high && data[low].k_dist <= pivotKey) //将枢
轴 记录大的记录移到高端
        ++low;
     data[high] = data[low];
  data[low] = data[0]; //枢轴记录到
  位 return low;
                  //返回枢轴记
  录的位置
```

```
double chooseOneFromThree(struct baseData data[], int low, int
high) { //从 data[low]、data[high]和 data[(low+high)/2]中选择中值作
为 枢轴元素
   int middle = (low + high) / 2;
   if ((data[middle].k_dist > data[low].k_dist &&
data[middle].k_dist < data[high].k_dist) || (data[middle].k_dist>
data[high].k_dist && data[middle].k_dist <data[low].k_dist))</pre>
     return data[middle].k dist;
   else if ((data[low].k dist <= data[middle].k dist &&</pre>
data[low].k_dist>data[high].k_dist) || (data[low].k_dist >=
data[middle].k_dist && data[low].k_dist < data[high].k_dist))</pre>
      return data[low].k_dist;
  else if ((data[high].k_dist <= data[middle].k_dist &&</pre>
data[high].k_dist> data[low].k_dist) || (data[high].k_dist <=
data[low].k dist && data[high].k dist > data[middle].k dist))
     return data[high].k_dist;
}
void insertSort(struct baseData data[], int low, int high){    //插
入 排序, 当快速排序的分区小于 20 时直接插入排序
   for (int i = low + 1; i <= high; i++)</pre>
      if (data[i].k_dist<data[i - 1].k_dist){ //当出现应当排在前面
      的
记录时
        double temp = data[i].k_dist;
         struct baseData tempData =
        data[i]; int j;
         for (j = i - 1; j >= low&&data[j].k_dist>temp; j--) //
记录后移
           data[j + 1] = data[j];
      data[j + 1] = tempData;
}
//线性时间选择
struct baseData randomizedSelect(struct baseData data[], int p,
int r, int k){ //线性时间选择的总函数,对数组按照枢轴元素分区后分治处理
   if (p == r)return data[p]; //当只有一个元素时直接返回
   int i = randomizedPartition(data, p, r), j = i - p + 1; //
对 data[p]到 data[r]按照随机生成的枢轴元素进行排序,然后返回枢轴元素位置
  if (k <= j)return randomizedSelect(data, p, i, k); //按照枢轴
元 素进行分治
  else return randomizedSelect(data, i + 1, r, k - j);
int randomizedPartition(struct baseData data[], int low, int
high) { //按照随机生成的数轴元素进行排序后返回枢轴元素的位置
```

}

```
int pivot = chooseOneRandomly(data, low, high); //随机生成数轴
   元素
   data[0] = data[pivot];
   data[pivot] = data[low];
   data[low] = data[0];
   double pivotKey = data[0].k_dist;
   while (low < high) { //从表的两端交替向中间扫描
     while (low < high && data[high].k_dist >= pivotKey) //将比
      枢轴记录小的记录移到低端
        --high;
     data[low] = data[high];
     while (low < high && data[low].k_dist <= pivotKey) //将枢
轴记录大的记录移到高端
        ++low;
     data[high] = data[low];
  data[low] = data[0]; //枢轴记录位
  return low; //返回枢轴记录的位置
}
int chooseOneRandomly(struct baseData data[], int low, int
high) { //随机生成枢轴元素
  srand((unsigned)time(NULL));
   int temp = rand();
   temp = low + temp%(high - low);
  return temp;
}
//最近点对
void closest_pair(struct baseData data[], int n, struct
baseData
&a, struct baseData &b, double &distance){
   //最近点对的总函数,对复制后的数据分别按照经度和纬度进行排序后调用
closest 函数
   struct baseData dataXSorted[1050], dataYSorted[1050];
   dataCopy(data, dataXSorted);
   dataCopy(data, dataYSorted);
  mergeSort(dataXSorted, 1); //按照经度排序
  mergeSort(dataYSorted, 2); //按照纬度排序
   closest(dataXSorted, dataYSorted, 1, n, a, b, distance);
///调用 closest 函数
void closest(struct baseData dataX[], struct baseData dataY[],
int low, int high, struct baseData &a, struct baseData &b,
double
&d){
   //核心函数,具体计算最近点对
   int i, j, k, m;
   struct baseData aLeft, bLeft, aRight, bRight;
```

```
double dLeft, dRight;
   if ((high - low) == 1){ //当 n=2 时直接计算
     a = dataX[low], b = dataX[high], d = dist(dataX[low],
dataX[high]);
   }
   else{
      if ((high - low) == 2){ //当 n=3 时直接计算
         dLeft = dist(dataX[low], dataX[low + 1]);
         dRight = dist(dataX[low], dataX[low +
         2]); d = dist(dataX[low + 1], dataX[low
         + 2]); if ((dLeft <= dRight) && (dLeft
         <= d)){}
            a = dataX[low];
            b = datax[low + 1];
            d = dLeft;
         }
         else{
            if (dRight <=</pre>
               d){a =
               dataX[low];
               b = dataX[low + 2];
               d = dRight;
            }
            else{
              a = datax[low + 1];
              b = datax[low + 2];
            }
         }
      }
      else{ //当 n>3 时进行分治
         struct baseData * SL = new struct baseData[NUM];
         struct baseData * SR = new struct baseData[NUM];
        m = low + (high - low) / 2; //把x数组以m为界划分为
         两半 j = k = 1;
         for (i = 1; i <= high - low + 1; i++){</pre>
            if (dataY[i].latitude <=</pre>
               dataX[m].latitude){ SL[j++] = dataY[i];
                                  //收集左边子集中的最近点
               对
            else{
               SR[k++] = dataY[i]; //收集右边子集中的最近点对
            }
         }
         closest(dataX, SL, low, m, aLeft, bLeft, dLeft); //计
算左边子集的最近点对
         closest(dataX, SR, m + 1, high, aRight, bRight,
dRight); //计算右边子集的最近点对
```

```
if (dLeft < dRight) { //比较后得到左右子集中点的最短
            距离 a = aLeft, b = bLeft, d = dLeft;
         }
         else{
            a = aRight, b = bRight, d = dRight;
         struct baseData *dataTemp = new struct baseData[high -
low + 1];
         k = 0;
         for (i = 1; i \le high - low + 1; i++)
         //收集距离中线距离
小于 a 的元素, 保存到数组 z (因 y 数组按 y 坐标递增排序, z 数组也一样)
            if (fabs(dataX[m].latitude - dataY[i].latitude) < d)</pre>
{
               dataTemp[k++]=dataY[i];
            }
         for (i = 0; i < k; i++){}
            for (j = i + 1; (j < k) && (dataTemp[j].longitude)
- dataTemp[i].longitude < d); j++){ //若前后两点 y 轴的距离超过 d 则
不可能使距离小于 a, 退出
               dLeft = dist(dataTemp[i], dataTemp[j]); //计算前
               后两点的距离
               if (dLeft < d) { //若小于 d, 则更新
                  a = dataTemp[i], b = dataTemp[j], d = dLeft;
            }
         }
         delete SL;
         delete SR;
         delete dataTemp;
      }
   }
}
double dist(struct baseData a, struct baseData b){ //已知经度和
纬度 求距离
   return RADIUM*acos(cos(a.latitude*PI /
   180)*cos(b.latitude*PI
/ 180)*cos(a.longitude*PI / 180 - b.longitude*PI / 180) +
sin(a.latitude*PI / 180)*sin(b.latitude*PI / 180));
//次最近点对查找
void secondClosestPair(struct baseData data[], int n,
struct baseData &c, struct baseData &d, double &distance,
struct baseData a, struct baseData b){
   //对不含 a 和 b 的点集求最近点对,再分别求 a 和 b 与这些点的距离,最小值即
为次近 点对
```

```
struct baseData data2[NUM];
   int i, k;
   for (i = 1, k = 1; i <= NUM; i++){ //复制得到一份不含最近点对 a 和
的数据
      if (data[i].enodebid != a.enodebid && data[i].enodebid !=
b.enodebid) {
         data2[k++] = data[i];
      }
   }
   closest_pair(data2, NUM - 2, c, d, distance); //对该数据求最
近点对和最近距离 distance
   for (i = 1; i <= NUM - 2; i++){ //如果 a 或者 b 与其他点的距离小于
distance,则更新 distance
      if (dist(data2[i], a) <</pre>
         distance){ c = data[i];
         d = a;
      else if (dist(data2[i], b) <</pre>
         distance){ c = data[i];
         d = b;
      }
  }
}
//数据与文件处理
int readData(Book* book, struct baseData data[]){ //将数据从
excel 文件中读出
   wchar_t loadFileName[] = L"1033 个基站数据.xls";
   if (book->load(loadFileName)){ //读取 book
      cout << "File Loaded." << endl;</pre>
   }
   else{
      cout << "Error when load file." << endl;</pre>
      return -2;
   Sheet* sheet = book->getSheet(0);
   if (sheet){ //将 sheet 中的数据复制到结构数组中
      cout << sheet->readNum(4, 1) << endl;</pre>
      for (int i = 1; i <= NUM; i++){</pre>
         data[i].enodebid = (int)sheet->readNum(i, 0);
         data[i].longitude = sheet->readNum(i, 1);
         data[i].latitude = sheet->readNum(i, 2);
         data[i].k_dist = sheet->readNum(i, 3);
      }
  book->release();
int saveData(Book* bookSave, struct baseData data[], wchar_t
```

```
saveSheetName[]){ //将数据保存至新的 excel 文件中
   Sheet* sheet2 = bookSave->addSheet(saveSheetName);
   if (sheet2){ //将结构数组中的数组保存到 sheet 中
      sheet2->writeStr(0, 0, L"enodebid");
      sheet2->writeStr(0, 1, L"longitude");
      sheet2->writeStr(0, 2, L"latitude");
      sheet2->writeStr(0, 3, L"k_dist");
      for (int i = 1; i <= NUM; i++){</pre>
         sheet2->writeNum(i, 0, data[i].enodebid);
         sheet2->writeNum(i, 1, data[i].longitude);
         sheet2->writeNum(i, 2, data[i].latitude);
         sheet2->writeNum(i, 3, data[i].k_dist);
      }
   if (bookSave->save(L"result.xls"))
      cout << "Write Successful." << endl;</pre>
   else{
      cout << "Error in writing." << endl;</pre>
      return -3;
   }
}
int dataCopy(struct baseData data[], struct baseData
data2[]){ //将数据拷贝到新的结构数组中(在新的结构数组中进行排序等修改)
   for (int i = 1; i <= NUM; i++)</pre>
     data2[i] = data[i];
  return 0;
}
```