THIS INTEGRATED-DUTY-CYCLE (IDC) TEOM PROTOCOL FOR WOOD STOVES IS THE PROPERTY OF THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) AND CAN BE USED TO TEST TECHNOLOGIES IN A LABORATORY SETTING. ANY DEVIATIONS OR CHANGES TO THIS IDC TEOM PROTOCOL FOR WOOD STOVES ARE NOT APPROVED OR SANCTIONED BY NYSERDA. DO NOT CITE, COPY, or DISTRIBUTE THIS IDC TEOM PROTOCOL FOR WOOD STOVES WITHOUT THE WRITTEN PERMISSION OF NYSERDA

Serial Number	Variant	Software Version
1405A201940805	Dichot	1.74

Time Stamp	Operating mode	PM-2.5 raw MC	PM-Coarse raw MC	PM-2.5 total mass
6/17/2021 9:56	4	6323.03	378.628	6.12981
6/17/2021 9:57	4	18759.6	1137.15	30.2825
6/17/2021 9:58	4	12051.1	715.178	41.6708
6/17/2021 9:59	4	13167.7	788.633	55.3188
6/17/2021 10:00	4	7495.36	447.268	61.733
6/17/2021 10:01	4	2729.35	161.512	64.2202
6/17/2021 10:02	4	2934.06	165.097	66.8585
6/17/2021 10:03	4	2161.15	122.725	69.1881
6/17/2021 10:04	4	1237.95	67.8408	70.355
6/17/2021 10:05	4	686.093	35.2373	71.006
6/17/2021 10:06	4	259.233	11.0746	71.2754
6/17/2021 10:07	4	350.911	11.2474	71.5695
6/17/2021 10:08	4	224.191	11.2872	71.8025
6/17/2021 10:09	4	93.5064	8.12607	71.9093
6/17/2021 10:10	4	352.097	16.7799	72.2518
6/17/2021 10:11	4	328.842	9.34429	72.5617
6/17/2021 10:12	4	255.237	10.0448	72.803
6/17/2021 10:13	4	196.544	11.6029	72.9787
6/17/2021 10:14	4	268.739	15.7102	73.1975
6/17/2021 10:15	4	243.545	15.8184	73.4984
6/17/2021 10:16	4	277.626	14.2137	73.8546
6/17/2021 10:17	4	441.308	21.8121	74.2368
6/17/2021 10:18	4	510.672	22.9159	74.881
6/17/2021 10:19	4	253.305	13.4378	75.0519
6/17/2021 10:20	4	173.148	11.2169	75.2267
6/17/2021 10:21	4	243.695	11.8312	75.4455
6/17/2021 10:22	4	129.694	8.10868	75.6207
6/17/2021 10:23	4	62.2203	0.924384	75.6616
6/17/2021 10:24	4	53.4208	-1.66288	75.7064
6/17/2021 10:25	4	109.071	2.17588	75.7786
6/17/2021 10:26	4	4184.31	238.47	79.5499
6/17/2021 10:27	4	3504.92	204.215	82.5717
6/17/2021 10:28	4	3103.71	185.531	85.201
6/17/2021 10:29	4	3219.93	190.341	88.5275
6/17/2021 10:30	4	3393.07	199.611	91.8347
6/17/2021 10:31	4	3983.15	243.7	96.1156
6/17/2021 10:32	4	3930.1	230.907	100.253
6/17/2021 10:33	4	3751.27	225.884	103.299
6/17/2021 10:34	4	4741.16	281.71	108.176
6/17/2021 10:35	4	6477.99	381.377	114.596
6/17/2021 10:36	4	6842.68	401.675	121.552
6/17/2021 10:37	4	3191.39	204.005	124.714
6/17/2021 10:38	4	2245.73	127.149	126.529

PM-Coarse total mass	Case temperature	Cap temperature	PM-2.5 flow rate	PM-2.5 air tube temp
0.821044	32.996	33.004	1.00149	33.004
25.1985	33.008	33	1.00149	33.005
36.6593	32.998	32.988	1.00149	33
50.2959	33.002	32.997	1.0022	32.996
56.673	33.002	33.002	1.00149	32.998
59.0917	32.995	33.007	1.00149	33.003
61.6081	33.003	32.999	1.00149	32.995
63.5232	32.999	32.997	1.00149	33.001
64.5874	33.002	33	1.0022	32.997
65.1397	33.002	33.005	1.00078	33.003
65.3384	33	33.006	1.00149	33.003
65.5623	32.998	33.003	1.00149	32.996
65.7593	32.997	32.993	1.00149	33.004
65.9018	33.001	32.994	1.00149	32.995
66.1535	33.001	33.006	1.00149	33.003
66.3294	33.005	33	1.00149	33.004
66.5692	33.003	33.003	1.00149	33
66.7555	32.998	33	1.00149	33.003
66.9266	33.007	33.002	1.00149	32.999
67.1771	33.002	32.997	1.00149	33.002
67.4633	33.002	32.997	1.00149	33.002
67.6822	33.002	33.012	1.00078	33.001
68.3405	33.008	32.998	1.00149	32.999
68.4724	32.996	32.997	1.00078	33.002
68.6541	32.999	33.002	1.00149	33.001
68.807	32.996	33.003	1.00149	32.996
68.9862	33	33	1.00078	33.003
68.9705	32.998	32.998	1.00149	33.004
68.9453	32.996	32.998	1.00078	32.995
68.9944	33.004	33.004	1.00149	33.007
72.6173	33.002	33.009	1.00149	33.001
75.4757	33.001	33.006	1.00149	33.002
78.0766	32.998	32.998	1.00149	33.011
81.3137	33.001	32.999	1.00149	33.004
84.5449	33.007	33	1.00149	32.996
88.8586	33	32.994	1.00149	33.002
92.8964	33.002	33.002	1.0022	33.006
95.9596	32.999	33.01	1.0022	32.997
100.738	33.004	33	1.00149	33.002
107.067	32.998	32.998	1.00149	32.997
113.931	33.003	32.997	1.0022	33.003
117.065	33.004	33.004	1.00149	33.002
118.784	33.004	33	1.00149	33.001

PM-2.5 TEOM filter load	PM-2.5 TEOM filter pressure	PM-2.5 TEOM noise	PM-2.5 TEOM frequency
5.30951	0.983	6.76489	258.748845
5.51374	0.983	2.30194	258.738651
5.30953	0.985	3.6554	258.732078
5.51374	0.983	1.24385	258.724025
4.9011	0.983	0.84651	258.720507
5.10531	0.985	0.288048	258.719132
5.30951	0.984	0.45741	258.717498
5.10531	0.985	0.155647	258.716218
5.51374	0.983	0.247161	258.715539
5.10532	0.983	0.036044	258.715204
5.10532	0.983	0.057237	258.715035
5.10531	0.985	0.09089	258.714854
5.30951	0.984	0.14433	258.714682
5.71796	0.983	0.021048	258.714599
5.51374	0.983	0.033424	258.714454
5.30953	0.985	0.053076	258.714269
5.10531	0.985	0.01806	258.714138
5.10532	0.983	0.028679	258.714032
5.10531	0.985	0.091083	258.713891
5.30951	0.984	0.144637	258.713633
5.71795	0.982	0.049217	258.713501
5.10531	0.985	0.364721	258.713157
5.51374	0.983	0.124106	258.712864
5.30951	0.984	0.084461	258.712784
5.30951	0.984	0.02874	258.712697
5.30951	0.984	0.045639	258.712554
5.51374	0.983	0.01553	258.71246
4.69687	0.984	0.049321	258.712447
5.51374	0.983	0.016783	258.712407
5.10532	0.983	0.12437	258.712061
5.92217	0.982	0.921645	258.709943
5.51374	0.983	0.313615	258.708125
5.92216	0.981	0.996019	258.706525
5.30953	0.982	1.58164	258.704518
5.71795	0.982	0.538197	258.702599
5.30953	0.982	0.854637	258.699835
5.51374	0.981	0.290814	258.697599
5.30953	0.982	0.923604	258.695616
5.51374	0.981	1.46665	258.692679
5.71795	0.982	2.32898	258.688816
5.30953	0.982	0.792502	258.684693
5.92216	0.981	0.269671	258.683077
5.92216	0.981	0.183526	258.682026

PM-Coarse flow rate	PM-Coarse air tube temp	PM-Coarse TEOM filter load	PM-Coarse TEOM noise
0.994993	33.002	6.33058	6.76489
0.995818	33	7.14743	2.30194
0.997467	33.003	7.35165	3.6554
0.998292	32.994	7.35165	1.24385
0.995818	33.001	6.12637	0.84651
0.995818	33.001	6.94322	0.288048
0.998292	33.003	6.94322	0.45741
0.996642	32.998	7.35165	0.72635
0.995818	33.001	6.94322	0.247161
0.999117	32.998	6.5348	0.036044
0.998292	33.002	6.73901	0.057237
0.995818	32.999	7.14743	0.09089
0.997467	33.003	6.94322	0.14433
0.995818	33.005	7.14744	0.021048
0.995818	32.995	6.73901	0.155977
0.994993	33.013	7.35165	0.053076
0.995818	33.003	6.94322	0.01806
0.996642	32.996	6.5348	0.028679
0.997467	33.005	7.14743	0.091083
0.994993	33.004	7.35165	0.144637
0.998292	32.999	7.35165	0.010546
0.994993	32.999	7.35165	0.364721
0.996642	32.999	7.14743	0.026594
0.996642	32.995	6.94322	0.084461
0.994993	33.003	6.94322	0.02874
0.997467	33.004	7.14743	0.045639
0.996642	33.004	7.14743	0.01553
0.998292	32.998	6.33058	0.010569
0.996642	32.997	7.14743	0.078321
0.994993	33	6.73901	0.12437
0.997467	33.001	7.35165	0.921645
0.997467	32.999	6.94322	0.313615
0.997467	33.002	6.94322	0.996019
0.995818	33.003	7.14744	1.58164
0.994993	32.997	7.35165	0.538197
0.998292	33.001	7.14744	0.854637
0.995818	32.994	7.14744	0.290814
0.996642	33.004	7.14744	0.923604
0.998292	32.998	7.14744	1.46665
0.996642	33.004	7.35165	2.32898
0.999117	32.996	6.94323	0.792502
0.997467	33.004	7.76007	0.269671
0.997467	33.001	7.35165	0.856454

PM-Coarse TEOM frequency	Vacuum pump pressure	System status
271.518367	0.488	0
271.507352	0.477	0
271.500258	0.473	0
271.491608	0.499	0
271.487872	0.472	0
271.486439	0.512	0
271.48479	0.47	0
271.483636	0.468	0
271.482988	0.469	0
271.482692	0.481	0
271.482538	0.513	0
271.482401	0.506	0
271.482256	0.507	0
271.482209	0.487	0
271.482026	0.465	0
271.481903	0.485	0
271.481781	0.466	0
271.481654	0.513	0
271.481536	0.483	0
271.481333	0.469	0
271.481203	0.465	0
271.480908	0.508	0
271.48065	0.487	0
271.480531	0.496	0
271.48044	0.48	0
271.480337	0.47	0
271.48023	0.464	0
271.480245	0.504	0
271.480283	0.492	0
271.479907	0.467	0
271.477725	0.501	0
271.475882	0.504	0
271.474188	0.479	0
271.472107	0.495	0
271.470074	0.477	0
271.467158	0.501	0
271.46474	0.498	0
271.462625	0.492	0
271.459529	0.465	0
271.455412	0.485	0
271.451059	0.507	0
271.449287	0.466	0
271.448205	0.481	0

6/17/2021 10:39	4	1442.27	82.7748	128.032
6/17/2021 10:40	4	1219.02	72.2588	129.256
6/17/2021 10:41	4	1151.06	66.0466	130.38
6/17/2021 10:42	4	1074.53	61.0421	131.221
6/17/2021 10:43	4	976.076	57.897	132.184
6/17/2021 10:44	4	774.134	41.2281	132.959
6/17/2021 10:45	4	643.206	38.2445	133.543
6/17/2021 10:46	4	463.12	20.7145	134.002
6/17/2021 10:47	4	499.47	22.3198	134.527
6/17/2021 10:48	4	541.682	27.5246	134.982
6/17/2021 10:49	4	601.745	33.0511	135.551
6/17/2021 10:50	4	803.181	38.1563	136.171
6/17/2021 10:51	4	1132.28	62.3767	137.245
6/17/2021 10:52	4	2180.15	124.3	139.388
6/17/2021 10:53	4	2750.47	159.713	142.081
6/17/2021 10:54	4	3133.73	178.069	145.137
6/17/2021 10:55	4	3129.76	183.756	147.738
6/17/2021 10:56	4	3149.91	159.446	150.867
6/17/2021 10:57	4	3094.39	172.106	153.978
6/17/2021 10:58	4	2902.14	180.614	156.921
6/17/2021 10:59	4	2904.4	155.392	159.485
6/17/2021 11:00	4	2679.11	151.703	162.142
6/17/2021 11:01	4	2683.99	155.429	164.622
6/17/2021 11:02	4	2200.97	113.791	166.927
6/17/2021 11:03	4	2352.17	128.61	169.166
6/17/2021 11:04	4	1543.95	88.4589	170.967
6/17/2021 11:05	4	1691.44	91.6398	172.524
6/17/2021 11:06	4	627.071	36.8756	173.225
6/17/2021 11:07	4	228.992	12.5191	173.536
6/17/2021 11:08	4	86.81	3.45042	173.644
6/17/2021 11:09	4	49.1588	-0.055271	173.67
6/17/2021 11:10	4	-55.0411	-0.083042	173.623
6/17/2021 11:11	4	-32.8773	-1.30052	173.631
6/17/2021 11:12	4	14.1548	3.30275	173.643
6/17/2021 11:13	4	36.5553	2.97901	173.697
6/17/2021 11:14	4	94.5662	0.87887	173.761
6/17/2021 11:15	4	74.166	9.88199	173.821
6/17/2021 11:16	4	112.633	7.96563	173.935
6/17/2021 11:17	4	540.004	28.4809	174.353
6/17/2021 11:18	4	392.519	22.4015	174.842
6/17/2021 11:19	4	148.72	8.66485	174.943
6/17/2021 11:20	4	84.9831	4.41047	175.018
6/17/2021 11:21	4	81.0929	4.96023	175.149
6/17/2021 11:22	4	99.789	9.95052	175.301
6/17/2021 11:23	4	37.195	5.54277	175.335
6/17/2021 11:24	4	-25.8017	-3.28862	175.322
6/17/2021 11:25	4	107.259	7.00449	175.42

120.322	32.998	33.004	1.00078	33
121.548	33.003	33.001	1.00149	33
122.624	32.996	32.997	1.0022	33.006
123.439	33.005	32.995	1.00149	33
124.325	33.004	32.999	1.0022	32.999
125.051	33.001	33.002	1.00078	32.998
125.645	33.004	32.999	1.00149	32.997
126.012	33.006	33	1.00149	33.004
126.493	32.999	32.999	1.00149	33.003
126.946	32.998	32.997	1.00149	32.999
127.461	32.999	33.002	1.00149	33
127.987	33.001	32.998	1.00149	32.998
129.056	32.997	33	1.00078	33
131.096	32.997	33.005	1.00149	33.002
133.693	32.998	33.001	1.00149	33.004
136.635	33.01	32.995	1.00149	33.003
139.116	32.998	32.997	1.00149	33
141.872	33.004	32.999	1.00078	32.997
144.895	33.005	33.001	1.00149	33.007
147.832	33	32.998	1.00149	33.001
149.96	32.996	32.989	1.00149	33.004
152.435	32.998	33.001	1.00078	33.003
154.791	33	32.999	1.0022	33.003
156.764	32.993	33.007	1.00078	32.998
158.952	32.999	33.001	1.00078	33.001
160.626	32.999	33.002	1.0022	33.001
162.053	32.997	33.002	1.00078	33.002
162.737	32.999	33.004	1.00149	33.004
162.979	33.001	33.001	1.00149	33.001
163.056	32.997	33.001	1.00149	33.007
163.082	32.997	33	1.00078	33.006
163.081	32.996	33.002	1.00149	33.001
163.075	33.008	32.996	1.00149	33
163.104	33.004	32.998	1.00078	32.997
163.165	32.998	33.003	1.00078	33.001
163.173	32.995	33.001	1.00078	33
163.328	33	32.996	1.00078	32.999
163.416	32.999	33	1.00149	32.999
163.871	33	32.999	1.00149	33.006
164.274	33.007	33.001	1.00149	33.002
164.403	32.999	33.008	1.0022	33.001
164.473	32.998	33.004	1.00149	33.003
164.598	33.001	33.002	1.00149	32.997
164.764	33	33.001	1.00149	33
164.821	33	32.992	1.0022	33.001
164.777	33	32.999	1.00149	33.001
164.923	33.002	33.005	1.00149	33.002

5.30953	0.982	0.291432	258.681121
6.12638	0.981	0.099168	258.680434
5.92216	0.981	0.157475	258.679765
5.71795	0.982	0.10717	258.679273
5.71795	0.982	0.170183	258.678699
5.71795	0.98	0.057909	258.678254
6.12637	0.98	0.091958	258.677898
5.30953	0.982	0.146026	258.677648
5.92216	0.981	0.049689	258.677331
5.30953	0.982	0.078905	258.677052
5.30953	0.982	0.125298	258.676709
5.71795	0.982	0.085272	258.676325
5.51374	0.981	0.63191	258.67566
5.51374	0.981	0.215025	258.674343
5.51374	0.981	0.341451	258.672699
5.92216	0.981	0.542212	258.670872
6.12638	0.981	0.369006	258.669305
5.71795	0.98	0.585967	258.667454
5.92216	0.981	0.930494	258.665598
6.5348	0.978	1.47759	258.663745
6.5348	0.978	1.00558	258.662337
6.12638	0.978	0.342177	258.660772
6.33059	0.977	0.543365	258.659246
6.94322	0.976	0.862843	258.657941
6.94322	0.976	0.293606	258.656569
7.35165	0.974	0.466236	258.65549
6.94322	0.976	0.3173	258.654639
7.14743	0.975	0.10797	258.654229
6.94323	0.974	0.03674	258.65411
7.14743	0.975	0.012502	258.654041
6.94322	0.976	0.008508	258.654027
6.94321	0.975	0.013511	258.654062
6.73901	0.975	0.021454	258.654058
6.94323	0.974	0.034069	258.654028
7.35165	0.974	0.0541	258.654002
7.14744	0.973	0.036818	258.653966
7.14743	0.975	0.058465	258.653941
6.94322	0.976	0.019894	258.653863
7.35165	0.974	0.147428	258.653579
7.35165	0.974	0.050166	258.653315
6.94322	0.976	0.034141	258.653244
7.14743	0.974	0.054215	258.653225
6.73901	0.975	0.018448	258.653148
7.14743	0.975	0.029295	258.653057
7.35165	0.975	0.019937	258.653017
6.5348	0.976	0.031659	258.653058
6.73901	0.975	0.050273	258.652979

0.995818	33.002	7.14744	0.291432
0.995818	32.998	7.96429	0.099168
0.997467	33.002	7.35165	0.157475
0.995818	33.001	7.55586	0.10717
0.998292	33.002	7.55586	0.170183
0.995818	32.997	7.55586	0.057909
0.994168	32.996	7.96428	0.091958
0.996642	33	7.35165	0.146026
0.997467	32.994	7.55586	0.049689
0.997467	32.996	7.55586	0.078905
0.994993	33.001	7.35165	0.125298
0.997467	32.999	7.35165	0.397937
0.997467	33.001	7.14744	0.63191
0.994993	33.002	7.35165	0.215025
0.994993	33.001	7.55586	0.341451
0.997467	32.995	7.76007	0.542212
0.997467	33.002	7.96429	0.369006
0.997467	33	7.55586	0.585967
0.994993	33.001	7.96428	0.930494
0.994993	32.999	8.37271	0.316626
0.996642	33.002	8.16849	0.215482
0.995818	33	7.96429	0.342177
0.994993	32.998	8.37271	0.543365
0.995818	32.999	9.18956	0.862843
0.997467	33.004	8.98534	0.293606
0.994993	32.995	9.18956	0.466236
0.996642	33.006	8.98534	0.3173
0.997467	33.004	8.98534	0.023136
0.996642	32.998	8.57692	0.03674
0.994993	32.995	8.98534	0.058341
0.995818	33	9.18956	0.039705
0.997467	33.003	8.78112	0.013511
0.997467	33.007	9.39377	0.021454
0.997467	32.996	8.37271	0.158987
0.997467	33.001	8.78113	0.0541
0.996642	32.998	8.78114	0.036818
0.998292	32.996	9.18956	0.058465
0.996642	33	9.18956	0.019894
0.996642	33	8.98534	0.031592
0.997467	32.996	8.98534	0.23411
0.996642	32.997	9.59798	0.034141
0.996642	33.005	8.98534	0.054215
0.995818	32.998	8.78114	0.018448
0.998292	33.002	8.98534	0.029295
0.997467	32.998	9.39378	0.019937
0.996642	32.998	8.78114	0.031659
0.994168	33.001	9.18956	0.010773

271.447265	0.512	0
271.446526	0.466	0
271.445837	0.489	0
271.445332	0.51	0
271.44474	0.48	0
271.444314	0.485	0
271.443925	0.506	0
271.443676	0.486	0
271.443409	0.465	0
271.443108	0.48	0
271.442754	0.474	0
271.442348	0.464	0
271.441681	0.511	0
271.440357	0.465	0
271.438649	0.467	0
271.436772	0.47	0
271.435175	0.468	0
271.433314	0.51	0
271.431389	0.465	0
271.429598	0.498	0
271.428275	0.468	0
271.426675	0.489	0
271.42513	0.488	0
271.423871	0.484	0
271.422528	0.482	0
271.42149	0.464	0
271.420555	0.465	0
271.420216	0.51	0
271.420078	0.465	0
271.420012	0.463	0
271.420006	0.467	0
271.420009	0.462	0
271.420023	0.476	0
271.419958	0.495	0
271.419948	0.502	0
271.419928	0.504	0
271.419832	0.486	0
271.419787	0.503	0
271.419485	0.489	0
271.41919	0.495	0
271.41916	0.466	0
271.419118	0.495	0
271.419039	0.474	0
271.418934	0.465	0
271.418891	0.469	0
271.418932	0.489	0
271.418826	0.466	0

6/17/2021 11:26	4	181.338	8.18975	175.576
6/17/2021 11:27	4	339.454	16.5195	175.834
6/17/2021 11:28	4	581.211	30.5784	176.382
6/17/2021 11:29	4	1159.95	67.2271	177.535
6/17/2021 11:30	4	520.472	35.8801	178.061
6/17/2021 11:31	4	176.548	8.58966	178.228
6/17/2021 11:32	4	127.787	5.23618	178.308
6/17/2021 11:33	4	83.4413	3.59756	178.375
6/17/2021 11:34	4	-18.8438	-0.976218	178.385
6/17/2021 11:35	4	13.6432	4.73381	178.438
6/17/2021 11:36	4	-97.7292	-15.6428	178.361
6/17/2021 11:37	4	-97.6623	-2.46798	178.289
6/17/2021 11:38	4	-114.148	-6.99558	178.205
6/17/2021 11:39	4	-87.2272	0.456406	178.077
6/17/2021 11:40	4	-40.5814	-10.7439	178.056
6/17/2021 11:41	4	-85.5419	-3.85652	177.98
6/17/2021 11:42	4	-33.4274	5.41047	177.974
6/17/2021 11:43	4	-18.2388	-1.00371	177.912
6/17/2021 11:44	4	-59.0917	7.55779	177.858
6/17/2021 11:45	4	-48.7711	-27.4604	177.825
6/17/2021 11:46	4	-33.1011	-5.0299	177.785
6/17/2021 11:47	4	-21.0326	-19.3882	177.763
6/17/2021 11:48	4	-9.44064	12.7865	177.735
6/17/2021 11:49	4	-10.8092	1.15061	177.759
6/17/2021 11:50	4	12.4352	-0.093754	177.764
6/17/2021 11:51	4	6.44261	1.57862	177.756
6/17/2021 11:52	4	-7.9439	3.70589	177.75
6/17/2021 11:53	4	-41.6006	-0.85914	177.733
6/17/2021 11:54	4	17.8024	-1.30852	177.739
6/17/2021 11:55	4	18.1161	-1.52565	177.733
6/17/2021 11:56	4	3.21809	3.31975	177.773
6/17/2021 11:57	4	-53.2275	-0.217135	177.778
6/17/2021 11:58	4	-30.2095	-3.58907	177.731
6/17/2021 11:59	4	-75.8401	-5.30415	177.654
6/17/2021 12:00	1	-162.372	-10.2041	0
6/17/2021 12:01	2	-162.372	-10.2041	0
6/17/2021 12:02	2	-162.372	-10.2041	0
6/17/2021 12:03	3	-162.372	-10.2041	-0.041457
6/17/2021 12:04	3	-165.35	-11.123	-0.212712
6/17/2021 12:05	3	-12.0042	-7.2994	-0.237112
6/17/2021 12:06	3	24.2862	-3.04438	-0.194643
6/17/2021 12:07	3	-31.496	0.512649	-0.206971
6/17/2021 12:08	3	66.1352	-1.10316	-0.137395
6/17/2021 12:09	3	39.8179	-1.78927	-0.100894
6/17/2021 12:10	3	82.9093	4.80932	-0.028651
6/17/2021 12:11	3	16.3112	-1.4892	0.021007
6/17/2021 12:12	3	106.023	6.7141	0.108227

165.017	33.003	32.994	1.0022	32.993
165.238	32.995	32.993	1.00149	32.999
165.812	33.005	33.001	1.00149	33.002
166.908	33.007	33.001	1.00078	32.995
167.428	33.001	33.006	1.00149	33.002
167.568	33.003	32.998	1.00149	33.002
167.672	32.991	32.993	1.00149	32.994
167.707	32.992	33.007	1.00149	32.996
167.73	32.994	33.005	1.0022	32.999
167.821	33.006	33.008	1.00149	33.012
167.634	32.998	32.99	1.00149	33
167.626	32.993	32.997	1.00149	32.997
167.519	33.004	32.997	1.00149	33.003
167.478	32.996	32.999	1.00149	33.002
167.369	32.999	33.001	1.00149	33.003
167.369	33.003	32.994	1.00149	33
167.277	32.988	33.002	1.00149	33.003
167.456	32.999	33	1.00078	33.003
167.439	32.998	33.005	1.00078	33.004
167.168	33.01	32.999	1.0022	32.999
167.072	32.997	33.005	1.0022	33.004
166.828	33.001	32.999	1.00078	33.003
167.107	32.997	33.004	1.00149	32.997
166.938	33	32.994	1.0022	33.004
167.005	32.996	33.002	1.0022	33.013
166.991	32.999	32.999	1.00078	33.004
167.036	32.997	32.999	1.0022	32.998
167	32.993	33.006	1.00078	33.002
166.954	32.997	32.999	1.00149	32.997
166.964	33.006	32.999	1.00149	33.001
167.011	33.001	33.003	1.00149	32.999
167.011	33	32.994	1.00149	32.991
166.936	33.008	33.005	1.0022	32.997
166.872	32.994	33.012	1.0022	33.002
0	32.988	32.99	1.00149	31.872
0	32.995	32.994	1.00149	33.2
0	33.001	33.001	1.00149	33.237
-0.033534	32.994	32.995	1.00149	33.236
-0.231564	33.004	33.008	1.00149	33.227
-0.332671	33.001	33.006	1.00149	33.205
-0.341572	33.002	32.998	1.00149	33.195
-0.345188	33	33.004	1.00149	33.17
-0.331017	32.998	32.999	1.00149	33.155
-0.368712	33.003	33.003	1.00078	33.125
-0.316388	33.002	32.996	1.00149	33.108
-0.344561	32.998	33.009	1.00149	33.094
-0.302267	33.001	33.002	1.00149	33.061

6.94322	0.976	0.079832	258.652884
7.35165	0.974	0.05433	258.652718
7.14743	0.975	0.086274	258.652377
7.35165	0.974	0.137	258.651667
7.14743	0.975	0.217551	258.651377
7.35165	0.974	0.015863	258.651309
7.35165	0.975	0.117553	258.651236
6.94323	0.974	0.017143	258.651219
6.94323	0.974	0.027223	258.651227
7.35165	0.974	0.009263	258.65119
7.55586	0.973	0.068646	258.651253
7.14743	0.975	0.023359	258.65128
7.35165	0.974	0.074185	258.651339
7.55586	0.973	0.005409	258.651406
7.55586	0.973	0.040086	258.651443
7.55586	0.973	0.01364	258.651468
7.55587	0.974	0.043321	258.651509
7.55586	0.973	0.014741	258.651499
6.94321	0.975	0.023408	258.651537
7.35165	0.974	0.007965	258.651557
7.55586	0.973	0.00271	258.651579
7.14744	0.973	0.020086	258.65163
7.35165	0.974	0.031895	258.651609
7.55586	0.973	0.010853	258.651597
7.14743	0.975	0.034469	258.651577
7.35165	0.974	0.011729	258.651607
7.55586	0.973	0.018625	258.651584
7.14744	0.973	0.138022	258.65162
7.14744	0.973	0.046966	258.651623
6.94322	0.973	0.031963	258.651595
7.14744	0.973	0.010876	258.651587
6.53481	0.974	0.080598	258.651585
7.55586	0.973	0.005877	258.651612
7.35164	0.973	0.087102	258.651646
4.9011	0.984	0	0
4.9011	0.984	0	258.655905
5.51374	0.983	0	258.657605
5.51374	0.983	83.3333	258.657731
5.10532	0.983	2.60417	258.657846
5.10531	0.985	0.04069	258.657852
5.10531	0.985	0.013846	258.657831
4.49266	0.985	0.021987	258.657841
4.9011	0.984	0.014963	258.65779
4.6969	0.983	0.023761	258.657771
4.9011	0.984	0.037732	258.657726
5.30951	0.984	0.059917	258.657711
5.10531	0.985	0.020388	258.657641

0.997467	33.002	9.59798	0.079832
0.996642	32.997	9.18956	0.25354
0.998292	33.004	9.59798	0.086274
0.996642	32.995	9.80219	0.137
0.994993	33	9.59798	0.217551
0.996642	32.992	9.59798	0.074028
0.998292	32.992	9.8022	0.02519
0.996642	32.994	8.78114	0.017143
0.998292	33.002	9.18956	0.12704
0.996642	33.002	9.59798	0.043229
0.995818	33.001	9.59798	0.068646
0.998292	33	9.80219	0.023359
0.997467	33.001	9.18956	0.074185
0.998292	33.003	9.59798	0.117803
0.996642	33.008	9.18956	0.187067
0.995818	33.002	9.18956	0.297056
0.997467	32.997	9.8022	0.202163
0.997467	32.999	9.18956	0.068792
0.996642	32.999	9.59797	0.109238
0.995818	33.006	9.18956	0.173467
0.995818	33.003	9.18956	0.059027
0.996642	32.998	9.39377	0.437418
0.995818	33.008	9.39377	0.148844
0.996642	33.008	9.18956	0.236358
0.994993	33.002	9.18956	0.160855
0.997467	33.006	9.80219	0.054735
0.995818	33.002	9.59798	0.086918
0.995818	33.002	8.78114	0.029576
0.996642	33.005	8.78114	0.046966
0.997467	33.001	8.98534	0.14916
0.997467	33.001	8.98535	0.050756
0.996642	32.997	8.78114	0.080598
0.996642	32.998	9.39377	0.027426
0.996642	33.003	9.80218	0.087102
0.993343	31.738	6.5348	0
0.996642	33.272	6.94323	0
0.995818	33.339	7.35165	0
0.997467	33.326	6.94322	83.3333
0.996642	33.309	6.73901	2.60417
0.997467	33.294	6.94322	0.04069
0.996642	33.271	6.73901	0.064614
0.995818	33.247	6.12637	0.021987
0.997467	33.222	6.5348	0.014963
0.995818	33.198	6.53481	0.023761
0.995818	33.168	6.5348	0.037732
0.996642	33.14	7.14743	0.059917
0.998292	33.112	6.94322	0.020388

271.418716	0.484	0
271.41852	0.467	0
271.418234	0.487	0
271.41749	0.506	0
271.417168	0.51	0
271.41714	0.488	0
271.417076	0.507	0
271.417044	0.459	0
271.417048	0.475	0
271.416961	0.487	0
271.41712	0.467	0
271.417158	0.503	0
271.417188	0.48	0
271.417104	0.467	0
271.417394	0.467	0
271.417298	0.468	0
271.4173	0.488	0
271.417356	0.464	0
271.417232	0.497	0
271.417438	0.485	0
271.417467	0.482	0
271.417623	0.509	0
271.417403	0.468	0
271.417359	0.468	0
271.417552	0.465	0
271.417501	0.51	0
271.417463	0.467	0
271.417505	0.508	0
271.417533	0.503	0
271.417547	0.494	0
271.41749	0.496	0
271.417514	0.491	0
271.417545	0.485	0
271.417584	0.477	0
0	0.486	50528256
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271.730023	0.458	0
271.730167	0.462	0
271.730234	0.507	0
271.730238	0.511	0
271.730225	0.477	0
271.730228	0.51	0
271.73026	0.474	0
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271.730238	0.478	0
271.730192	0.487	0

6/17/2021 12:13	3	113.271	5.11158	0.179241
6/17/2021 12:14	3	45.4675	3.29987	0.226451
6/17/2021 12:15	3	79.8366	1.76457	0.326935
6/17/2021 12:16	3	112.169	2.78007	0.385862
6/17/2021 12:17	3	-6.82474	3.41983	0.368596
6/17/2021 12:18	3	-15.1126	1.35247	0.337732
6/17/2021 12:19	3	55.9073	0.531483	0.37046
6/17/2021 12:20	3	-41.6028	0.620128	0.316615
6/17/2021 12:21	3	-54.2876	1.8522	0.291295
6/17/2021 12:22	3	-10.3687	2.05261	0.277687
6/17/2021 12:23	3	-33.4312	2.79066	0.271538
6/17/2021 12:24	3	-96.1638	2.60805	0.198113
6/17/2021 12:25	3	25.6232	4.39374	0.225638
6/17/2021 12:26	3	64.8798	1.40222	0.299422
6/17/2021 12:27	3	62.7222	4.04597	0.320157
6/17/2021 12:28	3	40.5521	5.00352	0.331829
6/17/2021 12:29	3	68.9047	5.91903	0.393603
6/17/2021 12:30	3	381.205	47.5614	0.888755
6/17/2021 12:31	3	1893.54	106.81	2.88151
6/17/2021 12:32	3	872.292	59.7353	3.52114
6/17/2021 12:33	3	702.871	43.1527	4.24057
6/17/2021 12:34	3	819.296	50.9876	5.03947
6/17/2021 12:35	3	749.484	48.1442	5.69078
6/17/2021 12:36	3	840.834	50.549	6.51706
6/17/2021 12:37	3	858.186	57.1318	7.21645
6/17/2021 12:38	3	795.61	42.9922	8.02554
6/17/2021 12:39	3	914.954	51.9442	8.92166
6/17/2021 12:40	3	859.173	52.0514	9.75657
6/17/2021 12:41	3	963.175	62.3343	10.5768
6/17/2021 12:42	3	1159.7	67.3953	11.708
6/17/2021 12:43	3	1191.02	70.8307	12.8643
6/17/2021 12:44	3	1182.34	71.3885	13.9483
6/17/2021 12:45	3	1180.93	59.7473	15.0956
6/17/2021 12:46	3	1089.59	66.0093	16.1465
6/17/2021 12:47	3	1139.63	66.6753	17.3228
6/17/2021 12:48	3	1362.12	88.2704	18.7941
6/17/2021 12:49	3	1510.73	76.583	19.9853
6/17/2021 12:50	3	1459.63	89.7678	21.5071
6/17/2021 12:51	3	1470.43	88.1081	22.9744
6/17/2021 12:52	3	1562.71	96.998	24.4612
6/17/2021 12:53	3	1487.16	92.0193	25.624
6/17/2021 12:54	3	1270.39	84.4667	26.9804
6/17/2021 12:55	3	1408.69	84.6978	28.4421
6/17/2021 12:56	3	1341.58	77.6891	29.8377
6/17/2021 12:57	3	1112	67.6831	31.0185
6/17/2021 12:58	3	1223.93	79.0746	32.0808
6/17/2021 12:59	3	1056.21	65.9977	33.1484

-0.251326	32.999	32.999	1.00078	33.055
-0.220725	32.997	33.002	1.00149	33.035
-0.188944	32.999	32.999	1.00149	33.016
-0.143128	32.999	32.994	1.00149	33.004
-0.083603	33.004	33.001	1.00149	33.002
-0.039763	32.999	33.003	1.00149	33.005
-0.048244	33	32.995	1.00149	33.003
-0.028553	33.003	32.996	1.00149	32.999
0.030523	32.996	33.001	1.00149	32.999
0.054754	32.996	32.996	1.00149	33.002
0.104391	33.002	32.996	1.00078	33.005
0.138248	32.999	32.998	1.00149	33.003
0.179457	33.001	32.998	1.00078	32.999
0.212017	32.997	33	1.00149	32.998
0.286016	33.002	33.008	1.00078	32.999
0.343594	33.001	32.996	1.00149	33
0.407681	32.998	33.001	1.00149	33.005
1.15071	33.004	33.003	1.00149	32.998
2.93543	32.998	32.994	1.00149	33.001
3.74734	33.003	33	1.00149	33.002
4.47605	32.999	33.005	1.00078	32.999
5.32559	32.992	33.007	1.00149	33.005
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6.85892	33.003	32.998	1.00149	33.001
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9.26575	33.001	32.999	1.00149	32.999
10.0949	32.998	32.997	1.00149	32.999
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12.0444	33.001	32.998	1.00078	32.999
13.2094	32.998	33	1.00078	32.999
14.3302	32.999	32.998	1.0022	32.997
15.3059	32.998	33	1.0022	32.997
16.4354	32.999	32.999	1.00149	33.002
17.5997	32.999	33.001	1.00078	33.001
19.1652	33.002	32.999	1.00149	33.001
20.3589	32.994	33.004	1.00149	32.996
21.9904	33.003	33.003	1.00149	33.003
23.4997	32.996	32.999	1.00149	32.999
25.0547	33.002	33.002	1.0022	33.001
26.2856	32.995	33.003	1.00149	33.002
27.71	32.998	32.999	1.0022	33.004
29.1523	32.999	32.998	1.00149	33
30.5003	33.005	33.003	1.00149	33
31.7743	32.996	33.008	1.00149	32.997
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5.51374	0.983	0.032445	258.657521
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0.998292	33.007	6.73901	0.047775
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0.996642	33.003	6.94323	0.305076
0.995818	33.008	6.94322	0.48445
0.994993	32.997	6.94323	0.769288
0.996642	32.999	6.94322	0.261772
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0.997467	32.997	6.53479	0.282896
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0.998292	33.001	7.35165	0.713358
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6/17/2021 13:03	4	347.802	21.5854	35.7623
6/17/2021 13:04	4	309.484	18.7257	36.0543
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6/17/2021 13:06	4	376.308	25.3076	36.7695
6/17/2021 13:07	4	323.654	19.3495	37.0894
6/17/2021 13:08	4	298.299	22.961	37.3497
6/17/2021 13:09	4	496.425	18.0221	37.9205
6/17/2021 13:10	4	600.763	32.7935	38.4005
6/17/2021 13:11	4	489.776	30.0058	38.8754
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6/17/2021 13:17	4	571.295	36.2461	42.0739
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6/17/2021 13:22	4	837.652	43.7295	45.1968
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6/17/2021 13:29	4	969.883	59.0386	50.7946
6/17/2021 13:30	4	1052.54	67.8205	51.7513
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37.7933	33	32.998	1.00149	32.995
38.0275	32.999	33.001	1.0022	33.001
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38.7686	33.003	33.004	1.00149	32.996
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47.1632	33.002	32.997	1.00149	32.997
47.9892	33.003	33.002	1.00149	32.994
48.7925	33.003	33.002	1.00149	33.006
49.5222	32.999	33	1.0022	33.004
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51.264	32.997	32.998	1.00149	33.001
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53.2512	33.001	33.004	1.00149	33.004
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56.04	32.996	32.986	1.00149	32.998
56.709	32.988	32.999	1.00149	32.994
57.2906	33.01	32.997	1.00149	33.005
57.7924	33	33.004	1.00149	33.002
58.2985	32.999	32.993	1.00149	33.001
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271.693506	0.462	0
271.693201	0.468	0
271.692857	0.486	0
271.692569	0.459	0
271.692447	0.465	0
271.692449	0.462	0
271.692417	0.51	0
271.692335	0.485	0
271.69236	0.506	0
271.6923	0.498	0
271.692316	0.478	0
271.692261	0.508	0
271.69225	0.471	0

6/17/2021 13:47	4	62.3857	2.6135	57.3386
6/17/2021 13:48	4	-18.9039	-0.120599	57.2797
6/17/2021 13:49	4	29.7353	3.91956	57.3263
6/17/2021 13:50	4	25.351	4.40158	57.3719
6/17/2021 13:51	4	89.6795	3.73224	57.4541
6/17/2021 13:52	4	44.3135	2.62962	57.4726
6/17/2021 13:53	4	60.0898	4.58003	57.5363
6/17/2021 13:54	4	78.5494	5.64118	57.625
6/17/2021 13:55	4	162.841	10.6656	57.7972
6/17/2021 13:56	4	68.3288	16.3215	57.8951
6/17/2021 13:57	4	207.909	10.9439	58.1046
6/17/2021 13:58	4	644.014	31.2995	58.5571
6/17/2021 13:59	4	291.457	16.5169	58.9722
6/17/2021 14:00	4	-8.98979	-0.431409	58.9424
6/17/2021 14:01	4	12.1133	3.02467	58.9496
6/17/2021 14:02	4	35.7625	2.25253	59.0379
6/17/2021 14:03	4	97.2292	9.7661	59.1326
6/17/2021 14:04	4	79.6147	8.56289	59.2283
6/17/2021 14:05	4	89.4268	7.34798	59.2934
6/17/2021 14:06	4	37.7607	7.37284	59.3658
6/17/2021 14:07	4	37.443	7.80885	59.404
6/17/2021 14:08	4	59.6731	3.84562	59.4713
6/17/2021 14:09	4	60.0508	3.24955	59.5152
6/17/2021 14:10	4	114.924	9.05642	59.6449
6/17/2021 14:11	4	192.045	12.2185	59.8073
6/17/2021 14:12	4	258.628	10.2798	60.0272
6/17/2021 14:13	4	136.395	7.37695	60.209
6/17/2021 14:14	4	71.8522	4.86734	60.2613
6/17/2021 14:15	4	6.80463	1.40545	60.2657
6/17/2021 14:16	4	107.202	6.54415	60.3569
6/17/2021 14:17	4	170.396	15.8663	60.4904
6/17/2021 14:18	4	148.449	6.13581	60.6365
6/17/2021 14:19	4	16.3471	1.52635	60.6737
6/17/2021 14:20	4	35.5386	-3.7561	60.6946
6/17/2021 14:21	4	29.1052	5.29135	60.712
6/17/2021 14:22	4	83.4321	5.08266	60.8189
6/17/2021 14:23	4	22.5073	5.49986	60.8371
6/17/2021 14:24	4	81.1549	6.35893	60.9277
6/17/2021 14:26	1	53.1494	8.09695	0
6/17/2021 14:26	1	53.1494	8.09695	0
6/17/2021 14:27	2	53.1494	8.09695	0
6/17/2021 14:28	3	53.1494	8.09695	-0.026555
6/17/2021 14:29	3	88.1851	5.38068	0.062357
6/17/2021 14:30	3	93.5737	-2.16205	0.122754
6/17/2021 14:31	3	140.002	1.57056	0.183455
6/17/2021 14:32	3	81.6679	4.29608	0.254455
6/17/2021 14:33	3	184.162	2.51459	0.444112

58.8858	33	32.995	1.00078	32.999
58.8356	33.007	33.003	1.00149	33
58.8932	32.997	33.005	1.00078	33.008
59.0062	32.994	33.002	1.00078	33.005
59.0626	32.998	33.003	1.00149	33.004
59.1414	32.997	32.997	1.00078	33.001
59.2196	33.004	33.005	1.00149	33.002
59.3369	33.008	32.996	1.00149	33
59.4707	33.003	33	1.00149	32.994
59.6816	33.009	32.999	1.00078	32.998
59.8295	33.002	33.001	1.00149	33.004
60.2971	32.991	32.997	1.0022	32.996
60.7168	33.004	33.002	1.00149	33.001
60.7285	32.999	33.001	1.00149	33.001
60.7989	33.006	33.003	1.00149	32.997
60.8398	33	33.001	1.00078	33
60.9791	33.004	32.994	1.00149	32.999
61.0828	32.998	32.995	1.0022	33.004
61.1846	33	33.01	1.00149	33.003
61.2977	32.996	33.002	1.0022	32.997
61.3873	33.002	32.997	1.0022	33.003
61.4136	33	32.998	1.0022	33.002
61.4538	33.006	32.996	1.00078	33.002
61.634	33	33	1.00149	33.007
61.7649	33.005	33.003	1.00149	32.997
61.9439	32.997	33	1.00149	32.998
62.1199	32.999	32.996	1.00149	32.999
62.253	33	33.002	1.00149	33.005
62.2404	32.997	32.999	1.0022	33.001
62.3675	33.002	32.998	1.00149	33.004
62.5585	33.003	33.01	1.0022	33.003
62.6576	33.002	32.993	1.00149	33
62.7094	32.998	32.999	1.00149	33.001
62.7109	33.002	33.008	1.00078	33.002
62.8182	33.003	32.997	1.00078	33.006
62.9361	33	33.001	1.00149	33.002
63.0046	33.002	33.005	1.00149	32.996
63.0581	32.994	32.998	1.00149	33.005
0	32.994	32.99	1.00433	31.981
0	32.998	33.006	1.00149	33.226
0	32.999	32.998	1.00149	33.31
0.022862	33.001	33.01	1.00078	33.328
0.070532	32.999	33	1.00149	33.325
0.035536	33.004	33.01	1.00078	33.314
0.062253	33.001	33.004	1.00149	33.301
0.146957	32.999	33.006	1.00149	33.286
0.235665	33	33.003	1.00149	33.273

6.94321	0.975	0.045349	258.623573
6.12637	0.977	0.015431	258.623598
6.5348	0.976	0.010502	258.623566
6.53479	0.975	0.016676	258.623541
6.73901	0.975	0.026482	258.623482
6.53479	0.975	0.042052	258.623465
6.73901	0.975	0.028619	258.623443
6.33059	0.977	0.045445	258.623372
6.33059	0.975	0.072165	258.623278
6.33058	0.976	0.024556	258.623173
6.33059	0.977	0.038994	258.62309
6.739	0.976	0.577935	258.622767
6.73901	0.974	0.042141	258.622577
6.5348	0.976	0.01434	258.622606
6.5348	0.976	0.022771	258.622587
6.94321	0.975	0.036159	258.622554
6.5348	0.976	0.024608	258.622487
6.53479	0.975	0.008374	258.622433
6.53479	0.975	0.062053	258.622378
6.33059	0.975	0.021115	258.622349
6.5348	0.976	0.01437	258.622328
7.14743	0.974	0.022819	258.622281
6.53479	0.975	0.036236	258.622248
7.14743	0.974	0.057542	258.622143
6.53481	0.974	0.01958	258.622079
6.53479	0.975	0.062185	258.621925
6.12638	0.976	0.02116	258.621849
6.73901	0.974	0.033602	258.621794
6.33058	0.976	0.011434	258.621813
6.33058	0.976	0.084731	258.621732
6.94322	0.973	0.057664	258.621649
6.53481	0.974	0.091568	258.621581
6.94321	0.975	0.031159	258.621577
6.73901	0.975	0.049479	258.621554
6.94321	0.975	0.033673	258.62153
6.33058	0.976	0.011458	258.621482
6.94322	0.973	0.018195	258.621475
6.94322	0.973	0.028893	258.621414
5.10531	0.982	0	0
5.10532	0.983	0	258.503805
4.49268	0.984	0	258.508519
4.69687	0.984	333.333	258.508703
4.69687	0.984	5.20833	258.508634
5.51372	0.982	0.08138	258.508597
4.9011	0.984	0.055384	258.508558
5.51372	0.982	0.087947	258.508475
4.90111	0.982	0.029927	258.508407

0.998292	33.003	7.96427	0.045349
0.995818	33.007	7.76007	0.015431
0.994993	32.999	7.96429	0.049008
0.997467	33.001	7.55585	0.016676
0.996642	33.002	7.96429	0.026482
0.995818	32.997	7.76007	0.042052
0.996642	33	7.76007	0.028619
0.994993	33	7.96429	0.009738
0.996642	33.005	7.35165	0.072165
0.995818	33.005	7.35164	0.114596
0.998292	33.001	8.1685	0.181974
0.996642	33	8.16849	0.123843
0.995818	33.002	7.76007	0.196658
0.995818	33.001	7.76007	0.01434
0.994993	33.002	8.37271	0.022771
0.997467	32.998	7.96427	0.036159
0.997467	33.005	7.96429	0.114839
0.995818	32.996	7.96428	0.18236
0.995818	33.002	7.96428	0.062053
0.995818	33.003	7.35165	0.098538
0.995818	32.999	7.76007	0.067061
0.997467	33.004	8.57691	0.022819
0.996642	33.002	7.96428	0.036236
0.996642	33.004	8.16849	0.01233
0.999942	33.002	7.76008	0.091374
0.995818	33.001	7.96428	0.062185
0.997467	32.999	7.76008	0.098748
0.995818	33	8.16849	0.033602
0.997467	33.001	7.76007	0.053358
0.996642	33.002	7.76007	0.084731
0.994993	33	7.76007	0.057664
0.998292	33.004	7.76008	0.019622
0.996642	33.008	8.16849	0.031159
0.997467	33.003	8.1685	0.049479
0.996642	33.004	8.16849	0.033673
0.994993	32.998	7.55585	0.011458
0.995818	33.004	7.55585	0.018195
0.998292	33.006	7.96428	0.134835
0.999117	31.926	6.33058	0
0.997467	33.304	6.94323	0
0.998292	33.409	6.53481	0
0.996642	33.425	6.53479	333.333
0.996642	33.424	6.53479	5.20833
0.995818	33.416	6.94321	0.08138
0.997467	33.404	6.5348	0.055384
0.998292	33.385	6.739	0.087947
0.994993	33.368	5.71796	0.029927

271.692211	0.467	0
271.692238	0.462	0
271.692165	0.508	0
271.692143	0.509	0
271.692098	0.465	0
271.692053	0.465	0
271.691977	0.471	0
271.691916	0.487	0
271.69182	0.495	0
271.691677	0.482	0
271.691578	0.466	0
271.691226	0.475	0
271.69099	0.482	0
271.691032	0.498	0
271.690931	0.464	0
271.690907	0.464	0
271.69084	0.483	0
271.690772	0.502	0
271.690722	0.488	0
271.690637	0.465	0
271.690593	0.477	0
271.690533	0.462	0
271.690516	0.466	0
271.690444	0.473	0
271.690336	0.463	0
271.690201	0.471	0
271.690085	0.482	0
271.690071	0.503	0
271.690056	0.471	0
271.689965	0.483	0
271.689834	0.508	0
271.689742	0.509	0
271.68976	0.464	0
271.689772	0.478	0
271.689634	0.488	0
271.689611	0.465	0
271.689567	0.482	0
271.689498	0.467	0
0	0.464	50528256
271.743865	0.466	0
271.748106	0.477	0
271.748202	0.457	0
271.748154	0.474	0
271.748205	0.485	0
271.748142	0.485	0
271.74812	0.501	0
271.74807	0.472	0

6/17/2021 14:34	3	156.419	4.99911	0.635394
6/17/2021 14:35	3	198.768	8.74664	0.786896
6/17/2021 14:36	3	78.2672	4.99184	0.881968
6/17/2021 14:37	3	139.153	9.50073	1.07046
6/17/2021 14:38	3	222.659	5.82623	1.27288
6/17/2021 14:39	3	201.289	7.61155	1.43429
6/17/2021 14:40	3	95.086	8.15004	1.50534
6/17/2021 14:41	3	220.091	12.1373	1.64263
6/17/2021 14:42	3	9534.38	434.951	9.25062
6/17/2021 14:43	3	18916.5	1136.37	26.2991
6/17/2021 14:44	3	53527.5	3037.5	79.1165
6/17/2021 14:45	3	74389.9	4144.04	143.066
6/17/2021 14:46	3	44309.3	2475.47	214.689
6/17/2021 14:47	3	3865.74	213.959	215.824
6/17/2021 14:48	3	-197.11	-2.13317	215.165
6/17/2021 14:49	3	-369.106	-21.3527	214.716
6/17/2021 14:50	3	-90.0434	1.48495	214.506
6/17/2021 14:51	3	296.422	25.5978	215.009
6/17/2021 14:52	3	3026.65	90.9602	217.22
6/17/2021 14:53	3	455.944	-4.50475	217.914
6/17/2021 14:54	3	-377.498	-27.4273	217.495
6/17/2021 14:55	3	-234.568	-19.8481	217.178
6/17/2021 14:56	3	89.3787	-0.135257	217.28
6/17/2021 14:57	3	465.705	29.4746	217.739
6/17/2021 14:58	3	147.491	4.1055	217.907
6/17/2021 14:59	3	157.196	1.44607	217.973
6/17/2021 15:00	4	163.989	14.5633	218.177
6/17/2021 15:01	4	5.64269	-1.69869	218.202
6/17/2021 15:02	4	162.314	0.765724	218.334
6/17/2021 15:03	4	-33.6348	-6.2594	218.332
6/17/2021 15:04	4	-14.0955	-1.8169	218.317
6/17/2021 15:05	4	34.0259	1.77331	218.321
6/17/2021 15:06	4	119.358	1.50016	218.485
6/17/2021 15:07	4	127.96	8.55141	218.605
6/17/2021 15:08	4	506.015	25.5156	219.017
6/17/2021 15:09	4	410.563	19.9528	219.428
6/17/2021 15:10	4	554.788	50.6833	220.029
6/17/2021 15:11	4	843.213	51.0898	220.822
6/17/2021 15:12	4	886.741	16.7614	221.608
6/17/2021 15:13	4	1031.42	57.0181	222.709
6/17/2021 15:14	4	1011.99	60.4616	223.751
6/17/2021 15:15	4	1254.36	66.2061	225.005
6/17/2021 15:16	4	1105.56	63.3812	225.856
6/17/2021 15:17	4	1059.09	60.5488	226.951
6/17/2021 15:18	4	1053.58	53.7461	228.019
6/17/2021 15:19	4	1030.22	45.6769	229.057
6/17/2021 15:20	4	1043.45	59.3351	230.22

0.372317	33.006	33.004	1.00149	33.26
0.459011	32.999	33.005	1.00149	33.248
0.574887	32.997	32.997	1.00149	33.23
0.733054	32.999	33.002	1.00149	33.219
0.831971	33.002	32.999	1.00078	33.204
0.904805	32.994	33.008	1.00149	33.191
0.985496	32.996	33.001	1.00149	33.178
1.09323	33.005	33.005	1.00149	33.163
5.73224	32.993	33.004	1.0022	33.149
24.498	32.999	33	1.0022	33.125
73.9426	32.997	33.005	1.0022	33.112
133.388	32.998	33.002	1.0022	33.107
200.363	32.999	33.001	1.00149	33.088
201.346	32.997	32.994	1.0022	33.071
200.791	33	33.003	1.00149	33.062
200.327	33.004	32.999	1.00149	33.051
200.188	33.003	33.003	1.00078	33.043
200.712	32.998	33	1.00291	33.03
202.233	32.997	32.996	1.00149	33.015
202.35	33	33	1.00149	33.009
201.839	33.001	33	1.00149	33.004
201.516	32.995	32.998	1.00149	33.001
201.532	33.008	32.999	1.00149	32.996
201.897	32.997	32.999	1.00149	33.008
201.966	32.995	33.002	1.00149	33.006
201.898	33.002	32.994	1.00078	33.002
202.151	32.995	32.994	1.0022	32.996
202.08	33.001	33.001	1.00149	33.003
202.109	33.003	32.996	1.00078	33.002
202.096	33.004	33.001	1.00149	32.997
202.067	33.005	32.998	1.00149	33.002
202.036	33.001	33	1.00149	33.002
202.101	32.997	33.003	1.00149	33
202.228	33.003	33.01	1.00078	33.004
202.551	32.996	33	1.0022	33.001
202.879	33.004	33.003	1.00149	33.002
203.623	33	33.008	1.00149	33.002
204.318	32.995	33.004	1.00149	33.006
204.583	32.997	32.999	1.00149	33.001
205.672	33.002	32.996	1.00149	33
206.512	32.999	32.998	1.00149	33.002
207.611	33.001	33.001	1.00149	33.001
208.406	33.005	32.999	1.00078	33.002
209.326	33.004	33.007	1.00149	33.008
210.312	33.001	33.001	1.00149	32.999
211.123	33.002	33.006	1.00149	33.004
212.039	33.001	33	1.00149	32.998

5.30951	0.981	0.047522	258.508301
5.10531	0.982	0.150927	258.508197
5.51374	0.981	0.051357	258.508137
5.30953	0.982	0.017476	258.50804
5.30951	0.981	0.129503	258.507906
4.9011	0.983	0.044067	258.50781
5.51372	0.98	0.02999	258.507779
5.30951	0.981	0.222242	258.507573
5.30951	0.981	1.64692	258.50248
5.10532	0.981	12.2045	258.490484
5.30953	0.98	19.3803	258.456808
6.33059	0.977	13.1894	258.419561
6.53481	0.974	2.24402	258.380185
6.73901	0.974	0.163627	258.380466
6.94323	0.972	0.111357	258.380853
7.14743	0.972	0.176831	258.381132
7.14743	0.972	0.060172	258.381124
7.76008	0.968	0.09555	258.380581
8.78112	0.966	1.41615	258.379399
8.57692	0.966	0.103261	258.379222
8.98535	0.964	0.163975	258.379462
8.78113	0.964	0.055797	258.379571
8.78114	0.963	0.088603	258.379502
8.98535	0.962	0.0603	258.379256
8.98535	0.962	0.020519	258.379169
8.98535	0.962	0.152053	258.379087
9.18955	0.962	0.05174	258.378986
9.59798	0.961	0.082162	258.378961
9.18956	0.961	0.055916	258.378886
9.18955	0.962	0.019027	258.378929
9.39377	0.962	0.030214	258.378959
9.59798	0.961	0.047979	258.378904
8.98535	0.962	0.076188	258.378817
9.59798	0.961	0.011111	258.378756
9.59798	0.96	0.082336	258.378488
9.59798	0.96	0.130747	258.378177
10.2106	0.958	0.04449	258.377891
9.59798	0.96	0.329695	258.377369
9.59798	0.958	0.224376	258.37688
9.59798	0.96	0.3563	258.37627
10.2106	0.957	0.565792	258.375629
10.2106	0.958	0.192526	258.374894
9.8022	0.958	0.131025	258.374401
9.8022	0.958	0.208063	258.373759
10.2106	0.956	0.330396	258.373072
10.8233	0.955	0.524656	258.372426
10.4148	0.957	0.178529	258.371818

0.996642	33.347	6.53479	0.047522
0.994993	33.337	6.33058	0.150927
0.996642	33.323	6.5348	0.011005
0.995818	33.297	6.73901	0.081553
0.996642	33.28	6.33058	0.027751
0.998292	33.27	6.73901	0.044067
0.998292	33.245	6.53479	0.139954
0.995818	33.228	6.53479	0.222242
0.995818	33.213	6.53479	7.68563
0.996642	33.196	6.33059	12.2045
0.996642	33.176	6.73902	19.3803
0.995818	33.165	7.76007	13.1894
0.996642	33.138	7.76008	2.24402
0.995818	33.121	7.55585	0.163627
0.995818	33.108	7.35165	0.111357
0.995818	33.1	7.76007	0.176831
0.997467	33.076	7.55585	0.280801
0.997467	33.06	8.1685	0.445902
0.996642	33.053	8.98534	0.303461
0.997467	33.029	8.98535	0.103261
0.996642	33.027	8.78114	0.035137
0.997467	33.008	8.78113	0.055797
0.995818	33.006	8.57693	0.018986
0.995818	33.009	8.1685	0.281398
0.997467	33.007	8.78114	0.095753
0.994993	33.004	8.57693	0.152053
0.996642	33.003	8.98534	0.05174
0.996642	33.002	8.98535	0.082162
0.997467	33.003	8.37272	0.055916
0.996642	32.999	9.18955	0.088792
0.995818	33.005	8.98535	0.030214
0.995818	33.004	9.59798	0.047979
0.996642	33.007	9.18956	0.016326
0.995818	33.007	9.39377	0.011111
0.997467	33.003	9.39376	0.082336
0.998292	33.007	9.39376	0.130747
0.997467	33	9.18956	0.207621
0.998292	33	9.39376	0.329695
0.995818	33.001	9.18956	0.224376
0.995818	33.009	9.59798	0.07635
0.996642	33.001	9.39376	0.121241
0.997467	33.004	10.0064	0.192526
0.996642	33.001	9.39378	0.131025
0.994993	33.001	9.39378	0.208063
0.996642	33.006	9.59799	0.070799
0.995818	33.004	10.0064	0.112426
0.996642	33.002	10.0064	0.833135

271.747984	0.473	0
271.747911	0.494	0
271.747855	0.501	0
271.747704	0.482	0
271.747684	0.468	0
271.747632	0.491	0
271.747565	0.482	0
271.747421	0.487	0
271.74227	0.509	0
271.730215	0.471	0
271.696158	0.462	0
271.658627	0.477	0
271.618737	0.486	0
271.619093	0.485	0
271.619429	0.462	0
271.619754	0.463	0
271.619718	0.481	0
271.619312	0.503	0
271.618373	0.484	0
271.618409	0.463	0
271.618727	0.481	0
271.618931	0.463	0
271.618897	0.464	0
271.61862	0.464	0
271.618585	0.463	0
271.618623	0.462	0
271.618483	0.501	0
271.61855	0.465	0
271.61847	0.474	0
271.618578	0.485	0
271.618558	0.501	0
271.618544	0.499	0
271.618537	0.508	0
271.618445	0.474	0
271.618207	0.468	0
271.617918	0.481	0
271.617353	0.479	0
271.617016	0.465	0
271.616976	0.483	0
271.616209	0.493	0
271.615655	0.482	0
271.614941	0.463	0
271.614431	0.483	0
271.613833	0.483	0
271.613235	0.507	0
271.612716	0.477	0
271.6119	0.494	0

6/17/2021 15:21	4	1067.78	-15.0225	231.112
6/17/2021 15:22	4	1234.11	61.9637	232.364
6/17/2021 15:23	4	1288.42	63.6702	233.615
6/17/2021 15:24	4	1068.38	63.735	234.74
6/17/2021 15:25	4	1112.66	61.7681	235.739
6/17/2021 15:26	4	1390.83	43.8162	236.98
6/17/2021 15:27	4	1111.14	64.1743	238.03
6/17/2021 15:28	4	977.163	56.8385	239.039
6/17/2021 15:29	4	1291.91	55.0801	240.326
6/17/2021 15:30	4	1137.95	53.1134	241.271
6/17/2021 15:31	4	1347.53	77.6197	242.684
6/17/2021 15:32	4	1566.21	80.2855	244.105
6/17/2021 15:33	4	1640.75	97.1882	245.554
6/17/2021 15:34	4	1974.03	103.704	247.415
6/17/2021 15:35	4	2189.53	94.2726	249.575
6/17/2021 15:36	4	2835.15	167.112	251.896
6/17/2021 15:37	4	4152.38	198.599	255.925
6/17/2021 15:38	4	4399.21	264.417	260.725
6/17/2021 15:39	4	2781.04	137.563	263.622
6/17/2021 15:40	4	1606.41	82.4625	264.842
6/17/2021 15:41	4	1616.09	78.6117	266.35
6/17/2021 15:42	4	1449.08	82.3471	267.698
6/17/2021 15:43	4	1328.17	73.2488	268.917
6/17/2021 15:44	4	1067.02	51.6388	269.996
6/17/2021 15:45	4	1070.01	57.5358	270.859
6/17/2021 15:46	4	527.865	33.7016	271.572
6/17/2021 15:47	4	553.638	19.3535	272.176
6/17/2021 15:48	4	375.571	25.6689	272.499
6/17/2021 15:49	4	382.2	2.37584	272.828
6/17/2021 15:50	4	364.748	24.4207	273.184
6/17/2021 15:51	4	302.104	16.0053	273.489
6/17/2021 15:52	4	345.935	9.88843	273.781
6/17/2021 15:53	4	439.51	20.3183	274.121
6/17/2021 15:54	4	330.405	26.278	274.488
6/17/2021 15:55	4	466.788	34.0984	275.027
6/17/2021 15:56	4	504.656	28.2851	275.572
6/17/2021 15:57	4	424.995	26.3195	275.998
6/17/2021 15:58	4	566.605	29.4188	276.557
6/17/2021 15:59	4	402.92	20.8958	276.896
6/17/2021 16:00	4	355.013	16.662	277.235
6/17/2021 16:01	4	382.183	15.3885	277.512
6/17/2021 16:02	4	298.982	14.0208	277.773
6/17/2021 16:03	4	-89.8682	0.119223	277.757
6/17/2021 16:04	4	-155.257	-2.64896	277.65
6/17/2021 16:05	4	-1.90175	-5.90517	277.672
6/17/2021 16:06	4	14.1096	22.4623	277.72
6/17/2021 16:07	4	-23.089	2.24238	277.695

212.122	33.004	32.998	1.00149	32.999
213.301	33.007	33.004	1.00149	33.003
214.299	33.001	32.997	1.00078	33.004
215.509	32.999	32.992	1.00149	32.995
216.418	33.005	33.005	1.0022	33.006
217.279	32.993	32.992	1.00149	32.989
218.302	32.99	32.989	1.00078	32.99
219.296	32.997	33.002	1.0022	32.991
220.29	32.991	32.993	1.00149	32.995
221.244	33.006	33.018	1.00078	33.004
222.645	33.003	33.007	1.00078	33.006
223.908	33.004	33.001	1.00149	33
225.313	33.003	33.012	1.00149	33.008
227.031	33.002	32.993	1.0022	32.998
228.747	32.996	33.003	1.00149	33
231.247	32.999	32.998	1.00149	33
234.765	33.01	33.005	1.00149	33.005
239.684	33.008	32.996	1.0022	32.998
242.195	33.004	33	1.0022	32.995
243.394	33	33.006	1.00149	32.998
244.728	32.999	33.001	1.00078	33.001
246.06	33	33.005	1.00149	33.002
247.188	33.004	33.004	1.00078	33.003
248.118	33.001	33.004	1.0022	33.003
248.996	33.004	33.002	1.0022	33.004
249.645	33.004	33.003	1.0022	33
250.111	33.007	32.994	1.0022	33.002
250.442	33.006	33.004	1.0022	32.998
250.545	33	33	1.0022	32.995
251.123	33.002	33.008	1.00149	33.003
251.382	32.997	32.999	1.00149	33.002
251.594	33.005	33.005	1.00149	32.995
251.933	32.997	33.001	1.00149	32.999
252.359	33.001	32.998	1.00149	33.002
252.834	32.993	33	1.00149	33.002
253.323	33.001	32.998	1.0022	32.998
253.727	32.998	32.997	1.00078	33.007
254.191	32.999	33.002	1.00078	33.005
254.541	33.002	33	1.00149	32.999
254.859	33	33.004	1.00149	32.999
255.134	32.998	32.998	1.0022	32.998
255.382	33.002	33	1.00078	32.999
255.393	33.006	33.003	1.00149	33.002
255.357	33.005	32.999	1.00149	32.998
255.301	33.001	32.995	1.00149	33.001
255.456	33.007	32.998	1.0022	32.999
255.421	32.994	33.007	1.00149	32.998

10.4148	0.957	0.566994	258.3712
10.4148	0.955	0.192936	258.370532
10.619	0.955	0.306375	258.369784
11.0275	0.954	0.486511	258.369091
10.8233	0.955	0.07095	258.368539
10.619	0.955	0.112665	258.367777
10.6191	0.954	0.178908	258.367167
10.8233	0.955	0.2841	258.366555
10.2106	0.955	0.096673	258.365803
10.8233	0.954	0.307026	258.365188
10.8233	0.955	0.104474	258.364403
11.2317	0.953	0.165901	258.36353
10.4148	0.955	0.263445	258.362678
10.8233	0.953	0.41834	258.361528
11.2317	0.953	0.664309	258.360216
11.0275	0.953	0.452099	258.358831
11.0275	0.952	0.717916	258.356372
10.8233	0.952	1.14003	258.353491
11.2317	0.953	0.387925	258.351912
11.6401	0.951	0.264005	258.35124
11.6401	0.949	0.41923	258.350318
11.6401	0.951	0.142654	258.349546
11.6401	0.949	0.22653	258.348798
11.0275	0.951	0.359721	258.348151
11.2317	0.951	0.24481	258.347672
11.4359	0.951	0.194375	258.347221
11.8443	0.948	0.30866	258.346898
12.0485	0.949	0.045013	258.34675
11.8443	0.948	0.071479	258.346538
11.2317	0.951	0.113506	258.346333
11.6401	0.951	0.038624	258.346163
12.0485	0.949	0.061333	258.345973
11.2317	0.951	0.194788	258.345767
12.2527	0.948	0.066282	258.345489
12.0485	0.949	0.105253	258.345212
11.6401	0.951	0.167139	258.344898
12.0485	0.949	0.024374	258.344671
11.4359	0.95	0.038706	258.344338
11.8443	0.948	0.286828	258.344089
11.2317	0.951	0.020915	258.343936
12.0485	0.949	0.154987	258.343763
11.2317	0.951	0.105477	258.343622
12.0485	0.949	0.035892	258.343654
11.4359	0.951	0.056994	258.343715
11.8443	0.949	0.019394	258.343693
11.4359	0.951	0.006599	258.343663
11.4359	0.95	0.004491	258.343678

0.994993	32.995	10.4148	0.566994
0.995818	33.003	9.8022	0.900366
0.995818	33.002	10.0064	0.306375
0.994993	33.002	9.8022	0.486511
0.997467	33.009	10.2106	0.331098
0.995818	32.993	10.2106	0.525771
0.998292	32.99	9.59799	0.834906
0.997467	32.998	10.2106	0.2841
0.994993	32.997	9.80219	0.45114
0.994993	33.011	9.80219	0.307026
0.995818	33.011	10.6191	0.104474
0.995818	33.005	10.4148	0.165901
0.997467	33.003	9.8022	0.263445
0.995818	33.002	9.8022	0.41834
0.995818	33.006	10.6191	0.664309
0.995818	32.998	10.2106	0.452099
0.996642	33.006	10.4148	0.717916
0.996642	33.004	9.80219	1.14003
0.995818	33.001	10.6191	0.387925
0.996642	33.001	10.6191	0.264005
0.997467	32.998	10.2106	0.41923
0.995818	33	11.2317	0.142654
0.996642	33.003	10.4148	0.22653
0.995818	33.001	10.2106	0.359721
0.995818	33.006	10.2106	0.24481
0.997467	32.996	10.8233	0.194375
0.995818	33.001	10.4148	0.066141
0.995818	33.001	10.8233	0.21006
0.997467	32.998	10.2106	0.333568
0.995818	33.003	10.2106	0.113506
0.995818	32.999	10.8233	0.038624
0.998292	33.004	10.8233	0.061333
0.996642	33.006	10.2106	0.194788
0.994168	33.002	10.6191	0.066282
0.998292	32.999	10.8233	0.105253
0.997467	33.002	11.0275	0.167139
0.994168	33.004	10.8233	0.113747
0.997467	32.997	10.8233	0.180626
0.997467	32.998	10.4148	0.061463
0.999117	33	10.8233	0.097601
0.996642	33.001	10.6191	0.033211
0.997467	33	10.6191	0.105477
0.994993	33.006	10.8233	0.035892
0.997467	32.995	10.619	0.012213
0.996642	33.002	10.8233	0.090505
0.994993	32.997	11.0275	0.670687
0.995818	33.007	10.4148	0.45644

271.612111	0.482	0
271.611167	0.485	0
271.610526	0.474	0
271.609823	0.474	0
271.609313	0.484	0
271.608634	0.483	0
271.607995	0.463	0
271.607467	0.481	0
271.606532	0.477	0
271.606141	0.485	0
271.605296	0.471	0
271.604467	0.486	0
271.60355	0.502	0
271.602466	0.49	0
271.601112	0.464	0
271.599676	0.482	0
271.597117	0.481	0
271.594207	0.507	0
271.59263	0.502	0
271.591938	0.503	0
271.591036	0.502	0
271.590279	0.465	0
271.589539	0.503	0
271.588887	0.477	0
271.588382	0.507	0
271.588011	0.46	0
271.587725	0.463	0
271.587502	0.507	0
271.587233	0.495	0
271.587083	0.485	0
271.586922	0.473	0
271.586711	0.483	0
271.58655	0.482	0
271.586285	0.502	0
271.585958	0.462	0
271.585678	0.502	0
271.585407	0.472	0
271.585111	0.468	0
271.584891	0.46	0
271.584702	0.462	0
271.584521	0.466	0
271.584381	0.482	0
271.58437	0.473	0
271.584392	0.461	0
271.584448	0.495	0
271.584247	0.507	0
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6/17/2021 16:08	4	16.9462	-6.29872	277.692
6/17/2021 16:09	4	-15.0049	-1.74773	277.639
6/17/2021 16:10	4	-57.562	9.60973	277.584
6/17/2021 16:11	4	-33.4932	-26.1746	277.535
6/17/2021 16:12	4	-46.9077	-0.647272	277.438
6/17/2021 16:13	4	-83.7514	-20.9094	277.415
6/17/2021 16:14	4	-72.6783	-4.19614	277.301
6/17/2021 16:15	4	-26.8902	-4.86885	277.307
6/17/2021 16:16	4	-106.717	-11.8782	277.235
6/17/2021 16:17	4	-54.2313	-11.4415	277.127
6/17/2021 16:18	4	-21.2866	15.7344	277.053
6/17/2021 16:19	4	26.725	0.48568	277.08
6/17/2021 16:20	4	3.4212	1.08385	277.12
6/17/2021 16:21	4	22.6545	9.42501	277.138
6/17/2021 16:22	4	71.5384	8.17041	277.218
6/17/2021 16:23	4	147.102	12.4698	277.389
6/17/2021 16:24	4	58.2602	-3.92727	277.468
6/17/2021 16:25	4	-87.0669	-1.04173	277.372
6/17/2021 16:26	4	-96.0107	-7.26453	277.321
6/17/2021 16:27	4	-48.4228	-0.739253	277.224
6/17/2021 16:28	4	-98.6529	-12.8082	277.184
6/17/2021 16:29	4	-124.367	-6.70713	277.059
6/17/2021 16:30	4	-209.635	-22.5805	276.878
6/17/2021 16:31	4	-214.344	-4.72792	276.722
6/17/2021 16:32	4	-80.0116	-1.07337	276.624
6/17/2021 16:33	4	-12.9376	-3.23538	276.613
6/17/2021 16:34	4	-152.266	15.3861	276.477
6/17/2021 16:35	4	-202.541	-7.44292	276.316
6/17/2021 16:36	4	-213.203	-41.8799	276.156
6/17/2021 16:37	4	-119.105	-17.4611	276.035
6/17/2021 16:38	4	-231.984	3.3083	275.759
6/17/2021 16:39	4	-59.6822	7.11647	275.728
6/17/2021 16:40	4	-138.316	5.35268	275.556
6/17/2021 16:41	4	-77.7487	-25.9395	275.461
6/17/2021 16:42	4	-156.19	-8.13244	275.323
6/17/2021 16:43	4	-160.525	-6.02812	275.153
6/17/2021 16:44	4	-48.0619	-2.60219	275.076
6/17/2021 16:45	4	-150.836	-9.77283	274.951
6/17/2021 16:46	4	-79.3567	-5.58116	274.763
6/17/2021 16:47	4	-78.9887	-0.047728	274.683
6/17/2021 16:48	4	-98.3564	-8.01453	274.54
6/17/2021 16:49	4	-193.043	-8.62053	274.347
6/17/2021 16:50	4	-131.35	-2.4161	274.204
6/17/2021 16:51	4	-139.024	-10.4179	274.114
6/17/2021 16:52	4	-95.7553	-5.154	274.012
6/17/2021 16:53	4	-106.028	-9.52019	273.927
6/17/2021 16:54	4	-144.471	-3.49056	273.805

255.463	32.998	33.001	1.00149	33.008
255.216	32.998	32.994	1.00149	32.997
255.415	33.002	32.999	1.0022	33
254.981	33.003	32.997	1.00149	32.999
255.144	33.01	32.995	1.00149	33.001
254.976	33.005	33.005	1.00078	33.005
255.139	32.996	33.007	1.00078	33.002
255.158	33.005	33	1.00149	33
255.045	32.999	32.991	1.00149	32.996
254.87	32.994	33.001	1.00149	32.998
255.081	33.006	32.996	1.00149	33.003
255.053	33.005	32.996	1.0022	33.002
255.088	33.006	33.001	1.00149	33
255.187	33.001	33.002	1.00149	33.004
255.239	33.002	33.002	1.00149	33.001
255.416	33.005	32.997	1.00078	32.998
255.401	33.002	33	1.00149	32.999
255.408	33.001	32.994	1.00149	32.997
255.297	33.002	32.996	1.0022	33.002
255.295	33.002	33.003	1.00149	33
255.206	33.001	33.006	1.00078	32.998
255.207	32.998	33.005	1.00149	33.008
254.92	32.998	32.999	1.0022	32.999
254.92	33.002	33.005	1.00149	33
254.812	33.004	33.011	1.00008	33.005
254.749	33.004	33	1.0022	32.999
254.921	33	32.989	1.00149	33
254.56	33.004	32.999	1.00078	33.003
254.106	33.002	33	1.0022	32.993
254.007	33	32.997	1.00149	33
254.001	33.003	32.996	1.00078	33.004
254.216	32.997	32.996	1.00149	33
254.19	32.998	33.001	1.00149	33
253.727	33.002	32.996	1.0022	33.004
253.683	32.998	33.005	1.0022	32.997
253.597	32.999	33.004	1.0022	32.997
253.489	32.999	32.998	1.0022	33.005
253.356	33.007	33.005	1.0022	32.998
253.286	33.004	33.003	1.0022	32.996
253.212	33	33	1.00149	33.003
252.973	32.999	33.002	1.00149	33.002
252.904	33.002	33.001	1.00149	32.995
252.827	33	33.004	1.00149	33.001
252.697	32.999	32.992	1.00149	33.003
252.647	33.005	33.001	1.00149	32.996
252.515	33.004	32.998	1.00078	33.003
252.459	33.002	33	1.00078	32.998

11.6401	0.949	0.033282	258.343667
12.0485	0.949	0.052851	258.343756
11.4359	0.951	0.017984	258.343749
11.6401	0.948	0.028558	258.343758
12.2527	0.948	0.090697	258.343794
11.6401	0.951	0.030862	258.343854
12.2527	0.948	0.049008	258.343909
11.8443	0.948	0.016676	258.343904
11.8443	0.949	0.052963	258.343962
11.6401	0.949	0.018022	258.344016
11.6401	0.949	0.028619	258.344021
11.6401	0.949	0.045445	258.34404
11.6401	0.949	0.072165	258.344019
11.4359	0.951	0.049112	258.344012
12.2527	0.948	0.077989	258.343935
11.6401	0.949	0.123843	258.34384
11.4359	0.951	0.042141	258.343787
12.2527	0.948	0.066918	258.343892
11.6401	0.949	0.045542	258.343921
12.0485	0.948	0.072319	258.343961
12.0485	0.949	0.114839	258.344
12.0485	0.949	0.039077	258.344055
11.6401	0.948	0.124106	258.344187
11.2317	0.95	0.197076	258.344289
12.0485	0.949	0.01437	258.344315
12.2527	0.948	0.022819	258.344338
11.8443	0.949	0.036236	258.344413
12.0485	0.948	0.057542	258.344511
11.4359	0.95	0.182748	258.344628
11.2317	0.951	0.062185	258.344724
11.6401	0.949	0.02116	258.344833
11.8443	0.948	0.033602	258.34487
11.4359	0.951	0.053358	258.344968
11.8443	0.948	0.007781	258.345001
11.2317	0.951	0.057664	258.3451
11.6401	0.95	0.019622	258.345192
11.8443	0.949	0.031159	258.345228
12.0485	0.949	0.098958	258.34533
11.4359	0.95	0.07857	258.345429
11.6401	0.949	0.053472	258.345506
12.0485	0.948	0.018195	258.345572
12.0485	0.949	0.134835	258.345682
11.8443	0.949	0.045881	258.345753
11.6401	0.95	0.145716	258.345822
11.4359	0.95	0.049584	258.345862
12.0485	0.948	0.016872	258.345917
11.8443	0.949	0.125032	258.346016

0.997467	33.004	10.6191	0.155316
0.994993	33	11.2317	0.246637
0.996642	33.003	11.0275	0.39165
0.996642	32.999	10.619	0.13327
0.998292	32.999	11.2317	0.090697
0.997467	33.001	11.0275	0.672113
0.994993	33.003	10.8233	0.049008
0.996642	33	10.6191	0.363175
0.999117	33.004	10.619	0.052963
0.997467	33.005	11.0275	0.392482
0.996642	32.995	10.8233	0.133553
0.998292	33.002	10.6191	0.045445
0.997467	33	10.8233	0.072165
0.997467	33	11.0275	0.229191
0.995818	32.998	10.8233	0.077989
0.996642	32.998	10.6191	0.123843
0.994993	32.999	10.8233	0.042141
0.998292	33.001	11.0275	0.066918
0.998292	33.001	10.8233	0.045542
0.995818	33.002	11.0275	0.015497
0.996642	32.999	11.2317	0.114839
0.997467	33.003	11.2317	0.18236
0.997467	33.004	10.4148	0.124106
0.996642	33	10.619	0.197076
0.997467	33	10.8233	0.31295
0.995818	33.002	11.2317	0.10649
0.997467	32.998	10.4148	0.169102
0.997467	32.997	11.0275	0.057542
0.995818	32.998	10.6191	0.182748
0.996642	32.999	10.4148	0.290197
0.996642	32.999	10.6191	0.098748
0.996642	33.004	11.0275	0.731769
0.997467	32.998	10.8233	0.249005
0.994993	33.003	10.8233	0.790821
0.996642	33.003	10.8233	0.057664
0.998292	32.997	10.619	0.091568
0.995818	33	10.619	0.031159
0.996642	32.998	11.2317	0.098958
0.998292	33.001	10.4148	0.07857
0.996642	33.003	10.6191	0.249534
0.997467	33.007	10.8233	0.084911
0.996642	32.999	10.6191	0.134835
0.998292	33.01	10.619	0.045881
0.995818	32.995	10.619	0.145716
0.997467	33.001	10.6191	0.049584
0.997467	32.999	10.619	0.078738
0.997467	32.999	10.619	0.125032

271.58435	0.485	0
271.584226	0.482	0
271.58425	0.487	0
271.584623	0.457	0
271.584527	0.508	0
271.584741	0.5	0
271.584538	0.48	0
271.584569	0.462	0
271.584608	0.465	0
271.584514	0.463	0
271.584521	0.459	0
271.584593	0.463	0
271.584504	0.463	0
271.584417	0.483	0
271.58445	0.466	0
271.584316	0.458	0
271.584377	0.456	0
271.584401	0.464	0
271.584438	0.501	0
271.584427	0.463	0
271.584515	0.484	0
271.584564	0.486	0
271.584709	0.488	0
271.584761	0.459	0
271.584708	0.463	0
271.584863	0.467	0
271.584652	0.459	0
271.584908	0.484	0
271.585264	0.483	0
271.58527	0.48	0
271.585186	0.496	0
271.585172	0.457	0
271.585433	0.462	0
271.585514	0.475	0
271.585477	0.478	0
271.585546	0.479	0
271.585582	0.508	0
271.585736	0.495	0
271.585714	0.468	0
271.585744	0.498	0
271.585958	0.474	0
271.586019	0.482	0
271.586005	0.483	0
271.586132	0.483	0
271.586128	0.496	0
271.586233	0.489	0
271.586301	0.478	0

6/17/2021 16:55	4	-104.509	1.49685	273.667
6/17/2021 16:56	4	-178.269	-0.231867	273.516
6/17/2021 16:57	4	-157.656	-8.65816	273.401
6/17/2021 16:58	4	-86.6476	-6.12852	273.319
6/17/2021 16:59	4	-93.1851	2.65537	273.21
6/17/2021 17:00	4	-79.7067	-7.03016	273.131
6/17/2021 17:01	4	-90.9481	-1.87396	273.025
6/17/2021 17:02	4	-37.8823	-0.507674	273.002
6/17/2021 17:03	4	-86.6568	-7.17346	272.857
6/17/2021 17:04	4	-11.1284	0.365613	272.826
6/17/2021 17:05	4	-23.6538	2.28095	272.776
6/17/2021 17:06	4	-37.3059	1.70071	272.75
6/17/2021 17:07	4	-75.3914	-2.67216	272.686
6/17/2021 17:08	4	-85.8065	-9.28681	272.612
6/17/2021 17:09	4	-36.7633	33.0345	272.57
6/17/2021 17:10	4	-29.3556	-14.9639	272.561
6/17/2021 17:11	4	-31.4736	-2.57475	272.5
6/17/2021 17:12	4	-82.9458	3.84896	272.44
6/17/2021 17:13	4	12.8619	-3.01243	272.42
6/17/2021 17:14	4	56.6175	15.1511	272.471
6/17/2021 17:15	4	-49.3841	0.227843	272.447
6/17/2021 17:16	4	25.2012	-6.66621	272.46
6/17/2021 17:17	4	63.6643	8.1402	272.526
6/17/2021 17:18	4	150.341	11.0475	272.685
6/17/2021 17:19	4	125.838	24.148	272.793
6/17/2021 17:20	4	267.469	4.11295	272.976
6/17/2021 17:21	4	210.37	24.4712	273.124
6/17/2021 17:22	4	168.355	-9.77962	273.285
6/17/2021 17:23	4	257.522	46.9243	273.541
6/17/2021 17:24	4	173.293	-4.7839	273.768
6/17/2021 17:25	4	318.073	14.4512	274.006
6/17/2021 17:26	4	323.148	20.9997	274.276
6/17/2021 17:27	4	206.368	14.6252	274.481
6/17/2021 17:28	4	297.32	13.7032	274.808
6/17/2021 17:29	4	416.356	17.7389	275.178
6/17/2021 17:30	4	240.071	-7.66499	275.375
6/17/2021 17:31	4	285.004	23.3775	275.658
6/17/2021 17:32	4	344.884	17.4581	276.041
6/17/2021 17:33	4	357.371	14.3236	276.384
6/17/2021 17:34	4	324.707	21.7342	276.64
6/17/2021 17:35	4	287.336	15.3243	276.914
6/17/2021 17:36	4	321.5	17.468	277.267
6/17/2021 17:37	4	336.97	19.1209	277.659
6/17/2021 17:38	4	372.119	15.9564	278.035
6/17/2021 17:39	4	282.453	23.658	278.277
6/17/2021 17:40	4	376.155	20.1402	278.681
6/17/2021 17:41	4	376.456	22.9694	279.085

252.37	33.001	33.003	1.0022	32.998
252.406	32.998	32.996	1.00078	33.002
252.339	33.001	33.006	1.00149	33
252.127	32.997	33.002	1.00078	33.003
252.008	32.997	33	1.00149	33.004
251.911	33	33.004	1.00078	33
251.837	33.005	33.006	1.00149	33.002
251.842	33	33.001	1.00149	32.999
251.74	33.003	32.998	1.00149	33.002
251.723	33.008	33	1.00149	33.005
251.674	32.999	33	1.00149	33.004
251.695	33.005	32.999	1.00078	33
251.635	32.999	33.007	1.00149	33
251.531	33.001	33	1.00149	32.995
251.95	32.999	32.998	1.00149	32.998
251.481	33	32.998	1.00149	33.004
251.518	33.004	32.998	1.00149	32.999
251.552	33.001	33.004	1.00078	33
251.577	33.006	32.998	1.00149	32.999
251.655	32.995	32.999	1.0022	33
251.585	33	32.999	1.0022	33
251.48	33	33.002	1.00078	33.005
251.459	33	32.996	1.0022	32.997
251.773	32.999	32.999	1.00078	33.001
251.947	33	32.999	1.00149	33.001
252.022	33.005	33	1.0022	32.999
252.312	33.001	32.986	1.0022	33
252.38	33.001	33.002	1.00149	33.004
253.139	32.996	33.004	1.00149	33.003
252.893	33.002	32.996	1.00362	33.002
253.093	32.999	33.001	1.00149	33.001
253.415	33	33	1.00149	32.999
253.659	32.995	32.999	1.00149	33.003
253.919	33.003	33.001	1.00149	33.003
254.228	33.001	33	1.0022	32.999
254.204	33.004	33.002	1.00149	33.003
254.758	32.999	33.001	1.00149	32.998
255.128	33.001	33.007	1.00078	32.999
255.409	33.001	33.003	1.00149	33.005
255.71	32.999	32.998	1.00149	32.996
255.995	33.004	33	1.00149	33
256.298	33.003	32.996	1.00149	33.008
256.675	32.996	33.002	1.00149	33.001
257.001	33.004	32.998	1.0022	32.999
257.319	33	32.995	1.00149	33.001
257.651	33.001	33.004	1.00149	33.002
258.003	33.002	32.994	1.00078	33.001

11.8443	0.948	0.042546	258.346082
11.2317	0.95	0.028955	258.346164
11.6401	0.948	0.045979	258.346236
11.4359	0.949	0.073013	258.346282
11.6401	0.949	0.024845	258.346347
11.8443	0.948	0.039452	258.346421
11.8443	0.948	0.02685	258.346438
11.8443	0.948	0.042636	258.346496
12.0485	0.948	0.067705	258.346529
11.4359	0.948	0.023038	258.346562
11.4359	0.951	0.036584	258.346613
11.8443	0.948	0.024898	258.346615
11.8443	0.948	0.039536	258.346675
11.4359	0.951	0.013453	258.3467
11.6401	0.95	0.021363	258.346733
11.6401	0.949	0.033924	258.346757
11.8443	0.949	0.023087	258.346752
11.4359	0.95	0.036662	258.346803
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11.6401	0.948	0.031458	258.346814
11.6401	0.949	0.021409	258.346783
11.4359	0.949	0.033996	258.346741
11.4359	0.949	0.011568	258.346644
11.8443	0.949	0.01837	258.346585
11.6401	0.949	0.058341	258.346456
11.6401	0.95	0.092644	258.346364
11.6401	0.949	0.031525	258.346287
11.4359	0.949	0.05006	258.346126
12.0485	0.948	0.017034	258.346009
11.8443	0.948	0.0541	258.345848
12.0485	0.948	0.085908	258.345684
12.0485	0.948	0.136419	258.345523
11.4359	0.948	0.04642	258.345375
11.8443	0.948	0.073714	258.34515
12.2528	0.946	0.050166	258.345048
11.6401	0.949	0.079663	258.34487
11.8443	0.948	0.027107	258.344645
11.8443	0.949	0.043046	258.344436
11.6401	0.948	0.029295	258.34429
11.8443	0.949	0.046519	258.344121
11.8443	0.948	0.073871	258.343861
11.6401	0.948	0.117304	258.343647
11.8443	0.947	0.039916	258.343456
12.0485	0.947	0.12677	258.343264
12.0485	0.948	0.201306	258.343047
11.6401	0.948	0.0685	258.34283

0.995818	32.998	10.6191	0.198547
0.995818	33.002	10.619	0.135122
0.997467	32.999	10.2106	0.214569
0.994168	33.003	10.4148	0.073013
0.994993	33.007	10.4148	0.115942
0.995818	33.004	10.4148	0.184111
0.995818	33.001	10.6191	0.125298
0.996642	33.003	10.6191	0.198969
0.998292	32.998	11.2317	0.067705
0.999117	33.006	10.2106	0.107512
0.997467	33.002	11.0275	0.036584
0.995818	33.005	10.4148	0.116188
0.999117	33.004	10.4148	0.039536
0.995818	33.001	10.619	0.292984
0.995818	33	11.0275	0.099696
0.995818	33.003	10.4148	0.158313
0.997467	33.002	10.619	0.023087
0.996642	32.998	10.6191	0.036662
0.996642	32.999	10.619	0.271682
0.995818	33.003	11.0275	0.092447
0.994993	33	10.4148	0.146803
0.997467	33.008	10.8233	0.099908
0.997467	32.998	10.619	0.15865
0.995818	32.995	10.2106	0.053985
0.996642	32.989	11.0275	0.085726
0.996642	33.004	10.8233	0.012502
0.997467	33.003	10.8233	0.092644
0.997467	33.004	10.6191	0.686538
0.995818	33.001	10.4148	0.233614
0.996642	32.997	10.8233	0.079494
0.998292	33.001	10.4148	0.252466
0.996642	33.002	11.0275	0.400906
0.996642	33.001	11.0275	0.136419
0.997467	33	10.2106	0.04642
0.995818	33.001	10.4148	0.073714
0.998292	33.003	10.8233	0.050166
0.994993	33.003	10.8233	0.079663
0.995818	32.999	10.8233	0.126501
0.994993	32.997	10.8233	0.043046
0.996642	33.001	10.619	0.136709
0.997467	33.004	11.2317	0.046519
0.997467	33.006	10.6191	0.073871
0.996642	33	10.4148	0.117304
0.997467	32.996	10.2106	0.039916
0.996642	33.001	10.6191	0.12677
0.997467	33.004	10.8233	0.201306
0.994993	33.005	10.8233	0.319667

271.586113	0.506	0
271.586543	0.487	0
271.586478	0.481	0
271.586461	0.456	0
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271.586688	0.488	0
271.58663	0.508	0
271.586615	0.486	0
271.586837	0.463	0
271.586727	0.48	0
271.586743	0.459	0
271.586726	0.46	0
271.586823	0.499	0
271.586885	0.481	0
271.586541	0.485	0
271.586905	0.48	0
271.586848	0.503	0
271.58682	0.507	0
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271.586745	0.463	0
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271.58693	0.46	0
271.586879	0.458	0
271.586682	0.465	0
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271.586527	0.498	0
271.586301	0.464	0
271.586274	0.499	0
271.585776	0.485	0
271.585963	0.464	0
271.585779	0.465	0
271.585549	0.458	0
271.585397	0.462	0
271.585292	0.481	0
271.585121	0.499	0
271.585146	0.502	0
271.584772	0.462	0
271.584542	0.464	0
271.58436	0.506	0
271.584148	0.507	0
271.583972	0.463	0
271.583771	0.462	0
271.583535	0.5	0
271.583334	0.46	0
271.583112	0.474	0
271.582866	0.463	0
271.582631	0.46	0

6/17/2021 17:42	4	417.523	23.3215	279.426
6/17/2021 17:43	4	403.405	12.3768	279.847
6/17/2021 17:44	4	308.974	40.033	280.151
6/17/2021 17:45	4	364.143	10.3197	280.58
6/17/2021 17:46	4	410.109	15.5736	280.959
6/17/2021 17:47	4	342.766	28.8834	281.309
6/17/2021 17:48	4	383.153	44.5371	281.673
6/17/2021 17:49	4	267.013	8.53594	281.934
6/17/2021 17:50	4	368.084	35.1741	282.377
6/17/2021 17:51	4	421.973	29.6781	282.78
6/17/2021 17:52	4	352.861	25.0052	283.192
6/17/2021 17:53	4	380.904	13.0041	283.567
6/17/2021 17:54	4	370.531	14.3945	283.903
6/17/2021 17:55	4	330.242	11.0611	284.27
6/17/2021 17:56	4	434.881	17.0491	284.705
6/17/2021 17:57	4	402.201	6.55264	285.048
6/17/2021 17:58	4	378.001	22.6211	285.326
6/17/2021 17:59	4	328.155	13.7321	285.698
6/17/2021 18:00	4	306.768	23.0027	286.015
6/17/2021 18:01	4	381.294	21.3172	286.387
6/17/2021 18:02	4	323.931	16.2428	286.665
6/17/2021 18:03	4	391.893	21.3508	287.037
6/17/2021 18:04	4	398.272	25.6184	287.38
6/17/2021 18:05	4	507.804	26.7156	287.781
6/17/2021 18:06	4	410.071	21.7387	288.112
6/17/2021 18:07	4	331.94	19.6936	288.397
6/17/2021 18:08	4	407.914	20.9621	288.79
6/17/2021 18:09	4	443.897	16.1243	289.176
6/17/2021 18:10	4	405.283	17.4759	289.562
6/17/2021 18:11	4	379.317	26.2441	289.922
6/17/2021 18:12	4	450.447	33.5043	290.317
6/17/2021 18:13	4	409.236	28.5569	290.738
6/17/2021 18:14	4	356.342	12.2524	291.129
6/17/2021 18:15	4	356.293	24.9379	291.565
6/17/2021 18:16	4	378.177	29.4859	291.999
6/17/2021 18:17	4	492.89	26.9443	292.399
6/17/2021 18:18	4	513.399	23.8487	292.905
6/17/2021 18:19	4	477.012	26.086	293.362
6/17/2021 18:20	4	501.644	19.7677	293.836
6/17/2021 18:21	4	465.068	23.5984	294.229
6/17/2021 18:22	4	582.347	24.2869	294.725
6/17/2021 18:23	4	333.597	26.5685	295.055
6/17/2021 18:24	4	420.124	23.4047	295.486
6/17/2021 18:25	4	422.729	18.0217	295.834
6/17/2021 18:26	4	444.434	25.9981	296.186
6/17/2021 18:27	4	372.804	18.8747	296.546
6/17/2021 18:28	4	367.139	20.9941	296.881

258.389	33.001	33.001	1.00149	32.998
258.705	33.001	33.005	1.00149	32.996
259.299	33.001	32.998	1.00149	32.996
259.318	33.001	33.002	1.00149	32.999
259.823	33	32.995	1.00149	32.994
260.108	32.996	32.997	1.00149	33
260.955	33.001	33.003	1.00149	33
260.825	33.004	32.997	1.00149	32.998
261.253	33.004	33.001	1.00078	33.003
261.563	32.999	33.007	1.0022	32.997
261.943	32.999	32.999	1.00149	32.999
262.108	33.003	32.997	1.00149	32.998
262.59	33	33.001	1.0022	33.002
262.871	32.998	32.993	1.00149	33
263.328	32.993	33.006	1.00149	33.002
263.553	33.001	32.999	1.00078	32.996
263.985	33.002	32.998	1.00078	33
264.257	33	33.002	1.00149	33
264.65	33.004	32.996	1.0022	33.003
264.936	33.004	33	1.00149	33.002
265.137	33.003	33.002	1.00149	33
265.576	33.005	33.003	1.00149	32.999
265.884	32.998	33.002	1.00078	33.003
266.238	33	33.002	1.00149	33.001
266.561	33.002	33.001	1.00149	32.995
266.831	32.996	33.008	1.00149	33.003
267.204	32.998	33.003	1.00078	33.002
267.516	33.003	33.006	1.00149	33.005
267.886	33.004	33.006	1.00149	32.998
268.338	33.001	33.004	1.00291	33.007
268.712	33.003	32.997	1.00149	32.999
269.085	33.002	33.006	1.00078	32.999
269.347	33.004	33.003	1.00149	32.999
269.857	32.991	33.003	1.00149	33.004
270.342	33.004	33	1.00078	32.997
270.635	33.001	32.996	1.00149	32.996
271.08	33.001	33.005	1.00078	33.004
271.553	33.002	32.999	1.00149	33.009
271.954	33	33.004	1.00149	32.999
272.365	32.998	33.001	1.00149	33.004
272.82	33.002	32.998	1.00078	32.999
273.269	33	32.999	1.00149	33.007
273.568	33.001	32.995	1.00078	33.004
273.889	33.003	32.998	1.00149	32.996
274.254	32.997	33	1.00149	33
274.544	33.002	32.997	1.00149	33.002
274.884	32.999	32.996	1.0022	33

12.0485	0.946	0.108775	258.342618
11.8443	0.949	0.172731	258.342367
11.8443	0.948	0.117553	258.342183
12.2527	0.947	0.18667	258.341941
11.8443	0.949	0.06352	258.341714
12.0485	0.947	0.021614	258.34152
11.6401	0.948	0.160173	258.341281
12.457	0.946	0.109007	258.341065
12.2527	0.947	0.173099	258.34086
12.0485	0.946	0.058902	258.340635
12.2527	0.947	0.093534	258.340352
12.457	0.946	0.01364	258.340181
12.457	0.946	0.101081	258.33997
11.8443	0.948	0.160514	258.339723
11.4359	0.949	0.054619	258.339492
12.2527	0.947	0.086733	258.339281
11.6401	0.947	0.275458	258.339117
12.0485	0.948	0.093732	258.338914
11.8443	0.947	0.148844	258.338715
12.2527	0.947	0.236358	258.338466
11.8443	0.946	0.034469	258.338336
12.0485	0.946	0.054735	258.338108
12.0485	0.948	0.086918	258.337899
11.6401	0.948	0.138022	258.337652
11.8443	0.946	0.046966	258.33747
12.0485	0.948	0.14916	258.337296
12.0485	0.947	0.050756	258.337065
12.2527	0.947	0.080598	258.336839
11.6401	0.948	0.127987	258.336594
12.2528	0.946	0.203239	258.336387
11.8443	0.948	0.029639	258.336164
12.2527	0.947	0.047066	258.335921
12.457	0.944	0.074739	258.335651
11.8443	0.948	0.118682	258.335397
12.0485	0.948	0.188463	258.335109
12.0485	0.945	0.128259	258.33492
12.2527	0.945	0.203671	258.334621
12.2528	0.946	0.069305	258.334358
12.2527	0.947	0.110053	258.33407
12.2528	0.946	0.074897	258.333839
12.457	0.945	0.118934	258.33353
12.2527	0.947	0.188863	258.333291
11.8443	0.947	0.299908	258.333076
11.8443	0.948	0.102052	258.332877
11.4359	0.948	0.069452	258.332669
12.6612	0.945	0.110287	258.332448
11.8443	0.948	0.175132	258.332251

0.995818	33.005	10.619	0.507619
0.995818	33.003	10.8233	0.172731
0.996642	32.998	10.6191	0.548582
0.996642	33.008	11.2317	0.871128
0.995818	33.001	11.0275	0.296426
0.994993	33.001	10.6191	0.470713
0.998292	32.997	10.2106	0.160173
0.996642	33.002	10.8233	0.109007
0.995818	32.998	10.8233	0.173099
0.996642	33.001	10.619	0.058902
0.996642	32.999	11.2317	0.093534
0.995818	33.001	11.0275	0.297056
0.995818	33.005	10.8233	0.471713
0.996642	33.001	10.8233	0.160514
0.994993	33.001	10.8233	0.054619
0.994993	33	10.8233	0.404755
0.995818	32.997	10.2106	0.059027
0.994993	32.999	11.2317	0.093732
0.996642	33.006	10.619	0.148844
0.997467	32.998	11.0275	0.236358
0.998292	33.001	10.2106	0.160855
0.996642	32.998	10.619	0.054735
0.996642	33.005	11.2317	0.086918
0.996642	32.999	10.8233	0.138022
0.998292	32.995	10.4148	0.046966
0.994993	33.001	11.2317	0.14916
0.995818	32.999	10.6191	0.23686
0.996642	33.003	11.2317	0.080598
0.997467	32.995	10.619	0.127987
0.996642	33.001	11.0275	0.203239
0.998292	33.001	10.6191	0.138315
0.997467	32.998	11.2317	0.21964
0.996642	33.003	10.8233	0.074739
0.994993	33.007	10.8233	0.025432
0.996642	32.996	11.2317	0.040385
0.995818	33.006	10.0064	0.128259
0.992518	33	11.0275	0.203671
0.999117	33.006	10.8233	0.069305
0.996642	32.999	11.0275	0.110053
0.996642	32.996	11.2317	0.074897
0.994993	32.994	10.8233	0.118934
0.995818	33.005	11.2317	0.040471
0.997467	32.998	10.619	0.299908
0.998292	32.997	11.0275	0.102052
0.996642	33.002	10.619	0.069452
0.998292	33.003	10.619	0.110287
0.997467	32.999	11.0275	0.175132

271.582364	0.472	0
271.582257	0.463	0
271.581868	0.506	0
271.581584	0.507	0
271.581552	0.501	0
271.58102	0.47	0
271.580776	0.483	0
271.58085	0.464	0
271.580552	0.463	0
271.580379	0.47	0
271.580145	0.481	0
271.580078	0.483	0
271.579725	0.467	0
271.579465	0.496	0
271.579278	0.498	0
271.57925	0.463	0
271.578836	0.457	0
271.578682	0.458	0
271.578409	0.461	0
271.578195	0.499	0
271.578102	0.465	0
271.577818	0.487	0
271.5776	0.457	0
271.577382	0.484	0
271.577186	0.501	0
271.577025	0.457	0
271.576749	0.482	0
271.576498	0.493	0
271.576311	0.497	0
271.576011	0.498	0
271.575779	0.474	0
271.575548	0.458	0
271.575289	0.504	0
271.575086	0.497	0
271.574766	0.464	0
271.574564	0.488	0
271.574241	0.46	0
271.573993	0.484	0
271.573626	0.462	0
271.573427	0.5	0
271.573127	0.474	0
271.572887	0.463	0
271.572666	0.494	0
271.572468	0.484	0
271.572247	0.489	0
271.572006	0.462	0
271.571815	0.481	0

6/17/2021 18:29	4	325.977	16.2048	297.213
6/17/2021 18:30	4	265.044	14.6088	297.522
6/17/2021 18:31	4	360.127	18.3874	297.85
6/17/2021 18:32	4	347.926	8.49654	298.1
6/17/2021 18:33	4	286.369	26.5417	298.397
6/17/2021 18:34	4	314.565	15.8163	298.71
6/17/2021 18:35	4	315.319	16.4265	299.003
6/17/2021 18:36	4	261.172	15.2414	299.257
6/17/2021 18:37	4	307.665	19.5105	299.533
6/17/2021 18:38	4	273.822	15.8881	299.839
6/17/2021 18:39	4	343.497	18.5355	300.158
6/17/2021 18:40	4	293.274	20.0105	300.381
6/17/2021 18:41	4	248.123	14.5981	300.657
6/17/2021 18:42	4	262.121	15.754	300.922
6/17/2021 18:43	4	350.186	16.9022	301.25
6/17/2021 18:44	4	281.196	16.2781	301.531
6/17/2021 18:45	4	234.561	13.2214	301.755
6/17/2021 18:46	4	279.389	16.5599	302.089
6/17/2021 18:47	4	313.837	19.2599	302.38
6/17/2021 18:48	4	259.35	17.2563	302.599
6/17/2021 18:49	4	342.049	19.1523	302.907
6/17/2021 18:50	4	304.786	14.361	303.185
6/17/2021 18:51	4	223.37	16.4098	303.42
6/17/2021 18:52	4	307.122	17.8285	303.757
6/17/2021 18:53	4	238.157	19.2393	303.916
6/17/2021 18:54	4	377.938	15.3551	304.302
6/17/2021 18:55	4	239.731	14.0429	304.512
6/17/2021 18:56	4	263.489	11.3658	304.825
6/17/2021 18:57	4	341.414	21.7375	305.079
6/17/2021 18:58	4	325.638	21.5677	305.396
6/17/2021 18:59	4	318.288	13.4736	305.695
6/17/2021 19:00	4	243.769	14.8158	305.95
6/17/2021 19:01	4	275.787	15.4677	306.267
6/17/2021 19:02	4	406.25	7.41294	306.57
6/17/2021 19:03	4	176.939	10.3362	306.748
6/17/2021 19:04	4	346.368	36.7149	307.171
6/17/2021 19:05	4	229.023	5.70474	307.434
6/17/2021 19:06	4	223.416	21.0905	307.665
6/17/2021 19:07	4	279.771	14.9052	307.998
6/17/2021 19:08	4	391.532	19.2484	308.369
6/17/2021 19:09	4	317.499	20.3493	308.697
6/17/2021 19:10	4	358.202	21.7938	309.002
6/17/2021 19:11	4	278.009	17.6234	309.228
6/17/2021 19:12	4	294.114	24.0424	309.574
6/17/2021 19:13	4	277.505	16.5373	309.897
6/17/2021 19:14	4	343.858	15.1761	310.283
6/17/2021 19:15	4	393.928	22.554	310.634

275.195	32.995	33.004	1.0022	33.002
275.468	33.001	32.998	1.00149	33.001
275.715	33.001	32.997	1.00149	33
275.96	33	32.999	1.00149	32.995
276.383	33.006	33.001	1.00078	33.001
276.602	33	33.005	1.00149	33.004
276.887	33.003	32.998	1.00149	33.003
277.111	33.004	32.999	1.00078	33.004
277.42	33.001	32.995	1.0022	32.999
277.679	33.003	33.001	1.0022	33.002
277.959	33	33.003	1.00149	33.008
278.2	33.004	33.002	1.00078	33.002
278.444	32.998	33.006	1.00149	32.998
278.724	33.006	33.006	1.00149	33.004
279.005	33.01	33.004	1.0022	32.999
279.247	33.005	33.001	1.00149	32.995
279.495	32.999	33.003	1.00149	33.003
279.771	33.002	32.991	1.00149	33.002
280.069	33.002	32.996	1.00078	32.999
280.275	33.003	33.007	1.0022	32.998
280.562	33	32.995	1.0022	32.996
280.808	32.996	32.992	1.00149	33
281.077	33.003	33.005	1.00149	32.997
281.327	33	33.008	1.00149	32.999
281.587	33	32.99	1.00149	33.001
281.813	33.003	33.001	1.00149	32.999
282.087	32.998	33.002	1.00149	32.999
282.325	33.005	32.998	1.00149	32.997
282.612	32.995	33	1.00149	33.001
282.889	33.001	32.99	1.00078	33.002
283.082	32.998	33.004	1.00078	32.999
283.422	33.006	32.992	1.00149	32.998
283.733	33.002	32.997	1.00149	33.002
283.809	33	32.993	1.00078	33.005
284.191	32.998	33.002	1.00149	32.998
284.577	33.004	32.991	1.00149	33.002
284.736	32.998	33.001	1.00078	33.003
285.058	33.004	32.998	1.00078	33.001
285.345	33	33	1.00149	32.998
285.685	33.002	33.002	1.00149	33
285.996	33.001	33	1.00149	33.001
286.27	33.001	32.999	1.00078	33.002
286.513	32.997	33.005	1.00149	33.003
286.824	33.003	32.992	1.00149	32.998
287.093	32.999	32.999	1.00078	33.002
287.434	33.007	33.001	1.0022	32.998
287.788	33.001	33.005	1.0022	32.999

12.2528	0.946	0.059594	258.332077
12.2527	0.947	0.094632	258.331883
12.2528	0.946	0.064403	258.331699
12.2527	0.947	0.102269	258.331539
12.2527	0.947	0.162399	258.331371
12.2528	0.946	0.055261	258.331181
12.2527	0.944	0.087752	258.331011
12.457	0.944	0.012797	258.330873
12.457	0.945	0.094834	258.33067
11.8443	0.946	0.150592	258.330498
12.2527	0.945	0.051243	258.330319
12.0485	0.946	0.162744	258.330173
12.457	0.944	0.055378	258.330028
12.457	0.945	0.087939	258.329862
12.0485	0.945	0.139643	258.329674
11.8443	0.946	0.047518	258.329515
12.6612	0.944	0.032338	258.329358
12.0485	0.947	0.025676	258.329192
12.457	0.945	0.040773	258.329016
12.2528	0.946	0.129491	258.328878
12.2527	0.945	0.205627	258.328678
12.0485	0.945	0.06997	258.32849
11.8443	0.946	0.11111	258.328374
12.2528	0.946	0.037808	258.328195
12.0485	0.946	0.120076	258.328105
12.0485	0.945	0.040859	258.327863
12.0485	0.946	0.064883	258.327714
12.457	0.945	0.022078	258.327568
12.457	0.945	0.070119	258.327402
12.2527	0.945	0.111346	258.327223
12.457	0.945	0.176814	258.327015
12.457	0.944	0.060166	258.326888
12.8654	0.944	0.020473	258.326707
12.2527	0.945	0.065021	258.326511
12.2528	0.946	0.103251	258.326369
11.8443	0.946	0.035134	258.32617
12.0485	0.946	0.055791	258.325979
12.0485	0.946	0.037969	258.325818
12.0485	0.945	0.060294	258.325654
12.2528	0.946	0.095744	258.325444
12.2527	0.944	0.03258	258.325262
12.6612	0.944	0.051735	258.325078
12.2527	0.945	0.164307	258.324913
12.2527	0.944	0.05591	258.324725
12.2528	0.946	0.088783	258.32449
12.2528	0.946	0.140984	258.324294
12.457	0.945	0.047974	258.324106

0.996642	33.006	11.0275	0.059594
0.998292	33	11.2317	0.094632
0.997467	33.001	10.8233	0.064403
0.997467	33.006	11.2317	0.021915
0.996642	33	11.2317	0.162399
0.996642	33.001	10.8233	0.055261
0.994993	33.002	10.619	0.087752
0.998292	33.002	10.619	0.05972
0.997467	32.996	10.8233	0.094834
0.996642	33.002	10.8233	0.03227
0.996642	33.002	10.8233	0.051243
0.997467	32.998	10.619	0.162744
0.997467	33.006	10.8233	0.055378
0.997467	32.997	11.6401	0.087939
0.997467	32.999	10.619	0.139643
0.995818	32.993	10.4148	0.221749
0.998292	33.002	11.2317	0.150912
0.997467	33.003	11.0275	0.119822
0.996642	33.001	11.0275	0.190272
0.998292	33.002	10.6191	0.027748
0.996642	32.998	11.0275	0.205627
0.996642	33.002	10.619	0.06997
0.995818	32.999	10.619	0.11111
0.996642	33.001	11.0275	0.037808
0.998292	33.001	10.8233	0.025731
0.994993	33.003	11.2317	0.040859
0.995818	33.006	10.8233	0.064883
0.995818	33.004	11.2317	0.022078
0.994993	33.005	11.2317	0.070119
0.997467	32.997	10.8233	0.111346
0.995818	32.995	11.0275	0.176814
0.997467	32.998	11.0275	0.060166
0.996642	33.002	11.2317	0.020473
0.995818	32.998	11.0275	0.065021
0.996642	33.003	11.2317	0.481837
0.996642	33.003	10.8233	0.76514
0.995818	32.996	11.0275	0.055791
0.998292	33	11.0275	0.037969
0.996642	33.007	10.619	0.060294
0.997467	33.003	11.2317	0.095744
0.994993	33.009	10.8233	0.03258
0.995818	32.999	11.6401	0.241431
0.996642	33.004	10.8233	0.035209
0.996642	32.999	11.2317	0.05591
0.998292	33.002	11.6401	0.088783
0.995818	32.999	11.2317	0.030211
0.995818	33.002	11.0275	0.047974

271.571638	0.462	0
271.571414	0.491	0
271.571319	0.489	0
271.571106	0.505	0
271.570897	0.479	0
271.570755	0.503	0
271.570539	0.467	0
271.570408	0.487	0
271.570232	0.46	0
271.570075	0.482	0
271.569878	0.466	0
271.569702	0.501	0
271.569557	0.48	0
271.569344	0.493	0
271.569202	0.481	0
271.569028	0.456	0
271.568941	0.462	0
271.568682	0.46	0
271.568519	0.46	0
271.568401	0.506	0
271.568202	0.501	0
271.568044	0.456	0
271.567873	0.455	0
271.567726	0.47	0
271.56756	0.459	0
271.567413	0.475	0
271.56725	0.463	0
271.567094	0.503	0
271.566898	0.501	0
271.566712	0.479	0
271.566563	0.482	0
271.56639	0.481	0
271.566192	0.461	0
271.566152	0.459	0
271.565813	0.462	0
271.565439	0.504	0
271.565559	0.48	0
271.565333	0.498	0
271.565148	0.493	0
271.564935	0.46	0
271.564738	0.496	0
271.564505	0.496	0
271.564408	0.459	0
271.564191	0.457	0
271.564039	0.484	0
271.563818	0.456	0
271.563579	0.502	0

6/17/2021 19:16	4	363.251	19.3458	310.888
6/17/2021 19:17	4	263.91	23.9418	311.183
6/17/2021 19:18	4	411.031	16.6869	311.547
6/17/2021 19:19	4	409.261	22.0577	311.917
6/17/2021 19:20	4	360.722	25.3563	312.263
6/17/2021 19:21	4	385.995	12.5273	312.568
6/17/2021 19:22	4	378.291	20.6331	312.913
6/17/2021 19:23	4	273.407	11.4219	313.191
6/17/2021 19:24	4	296.491	20.3026	313.529
6/17/2021 19:25	4	360.149	16.8115	313.865
6/17/2021 19:26	4	356.075	22.1899	314.159
6/17/2021 19:27	4	341.727	21.1005	314.5
6/17/2021 19:28	4	394.492	19.3971	314.871
6/17/2021 19:29	4	309.599	15.6312	315.179
6/17/2021 19:30	4	359.906	20.0666	315.552
6/17/2021 19:31	4	281.116	30.2728	315.798
6/17/2021 19:32	4	421.897	22.5072	316.19
6/17/2021 19:33	4	398.058	22.4622	316.532
6/17/2021 19:34	4	354.993	21.3667	316.889
6/17/2021 19:35	4	318.035	20.2403	317.225
6/17/2021 19:36	4	347.076	14.3002	317.541
6/17/2021 19:37	4	300.274	18.7323	317.862
6/17/2021 19:38	4	371.74	22.3284	318.216
6/17/2021 19:39	4	422.843	22.3679	318.66
6/17/2021 19:40	4	378.478	20.3317	318.945
6/17/2021 19:41	4	358.024	25.3475	319.288

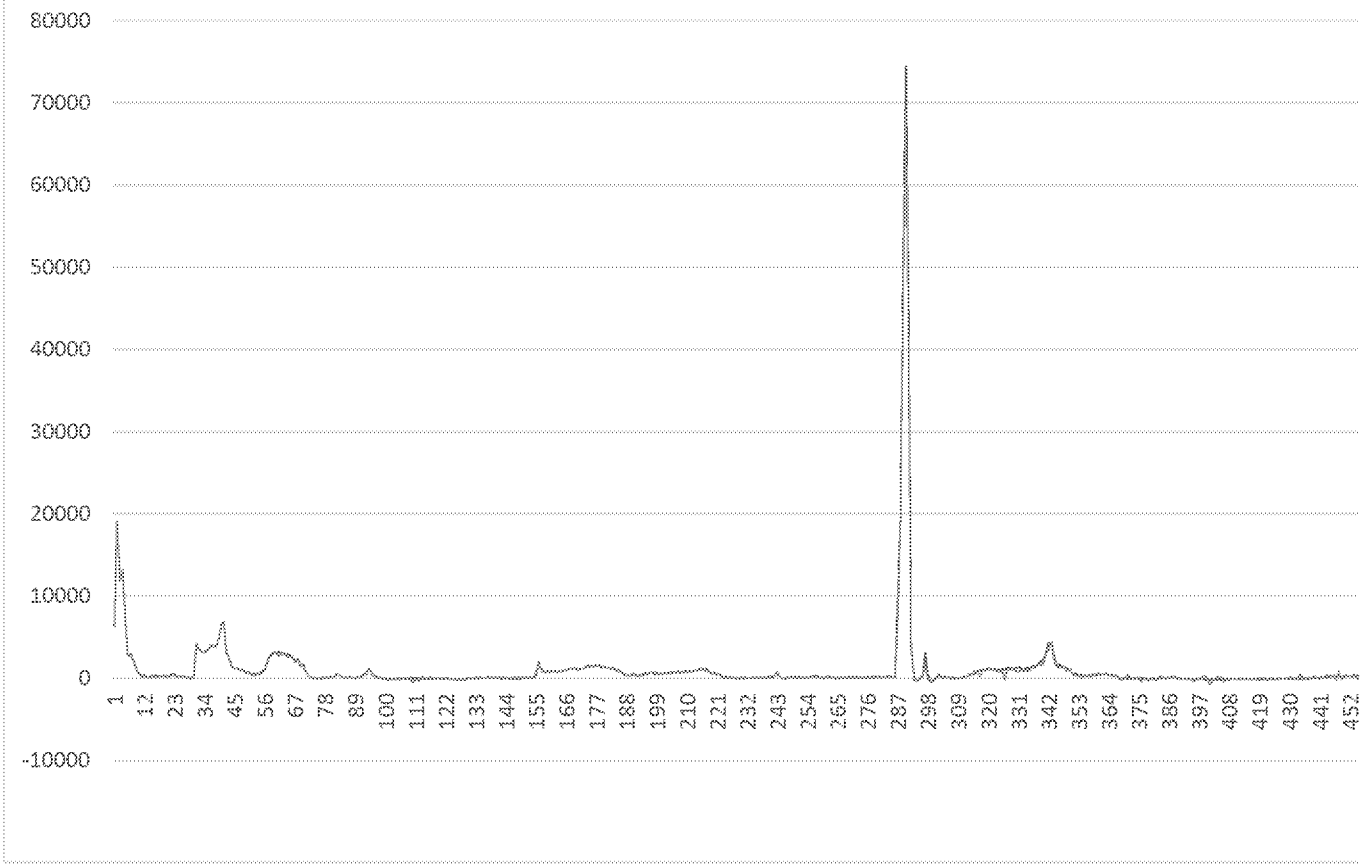
287.994	33.003	32.999	1.00078	33.003
288.378	33.007	33.004	1.00149	33.004
288.623	33.001	33.002	1.0022	33.003
289.004	32.999	33.005	1.00149	33.003
289.347	32.998	33	1.00078	33.005
289.464	32.998	32.997	1.0022	33.001
289.861	33	32.997	1.0022	32.999
290.123	33.005	32.998	1.00149	33.006
290.507	33.001	32.997	1.0022	33.001
290.78	33.001	32.997	1.00149	32.999
291.082	33.005	32.996	1.00149	33.001
291.377	33.001	33.002	1.0022	33.004
291.693	33.003	32.996	1.00078	33.004
291.953	33.001	33	1.0022	32.996
292.318	33.002	33.002	1.00149	32.999
292.645	33	33.001	1.00149	33.005
292.94	33.007	32.995	1.00078	33.004
293.268	32.998	33	1.0022	33.004
293.552	32.998	32.999	1.00149	33
293.9	32.999	32.997	1.00078	32.996
294.12	33.004	33.004	1.00149	33
294.447	33.003	32.997	1.00149	32.998
294.799	33	33.001	1.00149	33.005
295.184	33.005	32.999	1.0022	33.005
295.465	32.998	32.998	1.00149	33.002
295.825	33.004	33.002	1.00149	32.999

11.8443	0.946	0.152361	258.323954
11.8443	0.946	0.051845	258.323794
12.457	0.945	0.082328	258.323552
12.457	0.945	0.130734	258.323343
12.457	0.944	0.044486	258.323141
12.457	0.945	0.141284	258.322955
12.0485	0.946	0.048076	258.322754
12.0485	0.946	0.076343	258.322557
12.457	0.944	0.121229	258.322373
11.8443	0.946	0.041252	258.322193
12.457	0.944	0.028074	258.322021
12.2527	0.945	0.04458	258.321817
12.0485	0.945	0.070792	258.321591
12.457	0.945	0.112415	258.321397
12.2527	0.944	0.178511	258.321182
12.457	0.944	0.121487	258.32101
11.8443	0.946	0.041339	258.320809
12.6612	0.944	0.306345	258.320593
12.457	0.945	0.104242	258.32039
12.2528	0.946	0.165533	258.320171
11.8443	0.946	0.112654	258.320002
12.6612	0.944	0.178891	258.319786
12.6612	0.944	0.284072	258.319578
12.2528	0.946	0.096663	258.319348
12.6612	0.944	0.065785	258.319167
12.6612	0.944	0.104464	258.318973

0.995818	33.002	10.8233	0.032649
0.996642	33.003	10.619	0.241944
0.997467	32.999	11.8443	0.082328
0.997467	33.003	11.2317	0.028014
0.998292	33.001	11.0275	0.044486
0.994993	33.002	11.2317	0.141284
0.994993	33.004	11.4359	0.224354
0.997467	33.003	11.4359	0.076343
0.995818	33	11.4359	0.121229
0.996642	33.006	10.8233	0.192507
0.994168	32.999	10.8233	0.131012
0.994993	33	11.0275	0.208042
0.995818	32.998	11.2317	0.070792
0.996642	32.998	11.2317	0.112415
0.996642	33.003	10.8233	0.178511
0.995818	33.005	11.0275	0.121487
0.997467	33.001	10.8233	0.041339
0.994993	33.001	11.0275	0.065645
0.998292	33.003	11.0275	0.104242
0.997467	33	11.6401	0.165533
0.994993	33.005	11.2317	0.112654
0.995818	33.002	11.2317	0.178891
0.996642	33.002	11.6401	0.284072
0.995818	33.011	11.6401	0.096663
0.995818	32.999	11.2317	0.065785
0.995818	33.003	11.0275	0.104464

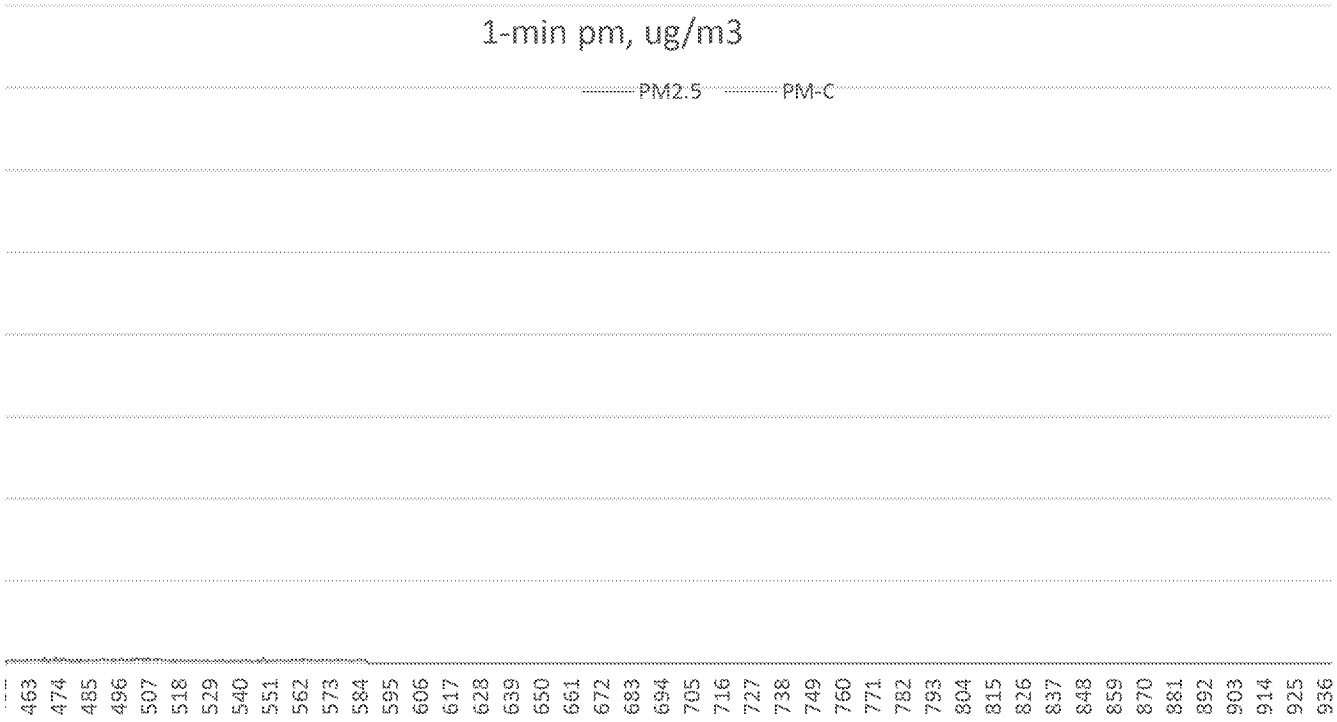
271.563457	0.487	0
271.563198	0.473	0
271.563048	0.481	0
271.562807	0.482	0
271.562579	0.462	0
271.562495	0.458	0
271.562217	0.456	0
271.562009	0.481	0
271.561838	0.481	0
271.561613	0.481	0
271.561455	0.499	0
271.561263	0.462	0
271.561052	0.466	0
271.560866	0.5	0
271.560678	0.46	0
271.560441	0.472	0
271.560285	0.479	0
271.560067	0.47	0
271.559883	0.462	0
271.559671	0.48	0
271.559426	0.482	0
271.559253	0.46	0
271.559068	0.492	0
271.558841	0.467	0
271.55867	0.482	0
271.558426	0.466	0

reconstructed			1405-D s/n: 1405A201940805			1.74	ug	ug	deg C
time			Coarse channel flow:		1.00	ug/m3	ug/m3	PM2.5	PM-C
for QC		difference	Start time	Op Mode		PM2.5	PM-C	mass	mass	Case T
	9:55	0.0	6/17/2021 9:55:39		4	6323	6311	6.1	0.8	33.00
	9:56	0.0	6/17/2021 9:56:38		4	18760	18953	20.3	25.2	33.01



10:19	0.0	6/17/2021 10:19:39	4	173	187	75.2	68.7	33.00
10:20	0.0	6/17/2021 10:20:38	4	244	197	75.4	68.8	33.00
10:21	0.0	6/17/2021 10:21:39	4	130	135	75.6	69.0	33.00
10:22	0.0	6/17/2021 10:22:38	4	62	15	75.7	69.0	33.00
10:23	0.0	6/17/2021 10:23:39	4	53	-28	75.7	68.9	33.00
10:24	0.0	6/17/2021 10:24:39	4	109	36	75.8	69.0	33.00
10:25	0.0	6/17/2021 10:25:38	4	4184	3975	79.5	72.6	33.00
10:26	0.0	6/17/2021 10:26:39	4	3505	3404	82.6	75.5	33.00
10:27	0.0	6/17/2021 10:27:38	4	3104	3092	85.2	78.1	33.00
10:28	0.0	6/17/2021 10:28:39	4	3220	3172	88.5	81.3	33.00
10:29	0.0	6/17/2021 10:29:38	4	3393	3327	91.8	84.5	33.01
10:30	0.0	6/17/2021 10:30:38	4	3983	4062	96.1	88.9	33.00
10:31	0.0	6/17/2021 10:31:39	4	3930	3849	100.3	92.9	33.00
10:32	0.0	6/17/2021 10:32:38	4	3751	3765	103.3	96.0	33.00
10:33	0.0	6/17/2021 10:33:39	4	4741	4695	108.2	100.7	33.00
10:34	0.0	6/17/2021 10:34:38	4	6478	6356	114.6	107.1	33.00
10:35	0.0	6/17/2021 10:35:38	4	6843	6695	121.6	113.9	33.00
10:36	0.0	6/17/2021 10:36:39	4	3191	3400	124.7	117.1	33.00
10:37	0.0	6/17/2021 10:37:38	4	2246	2119	126.5	118.8	33.00
10:38	0.0	6/17/2021 10:38:39	4	1442	1380	128.0	120.3	33.00

deg C	lpm	deg C	%	Atm	ug	Hz	lpm	deg C	%	ug	Hz	Atm	
	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM2.5	PM-C	PM-C	PM-C	PM-C	PM-C	Pump	System
Cap T	flow	Air T	load	filter P	noise	Freq	flow	Air T	load	noise	Freq	Vac	Status
33.00	1.001	33.00	5.3	0.983	6.76	258.75	0.995	33.00	6.3	6.76	271.52	0.49	0
33.00	1.001	33.01	5.5	0.983	2.30	258.74	0.996	33.00	7.1	2.30	271.51	0.48	0



33.00	1.001	33.00	5.3	0.984	0.03	258.71	0.995	33.00	6.9	0.03	271.48	0.48	0
33.00	1.001	33.00	5.3	0.984	0.05	258.71	0.997	33.00	7.1	0.05	271.48	0.47	0
33.00	1.001	33.00	5.5	0.983	0.02	258.71	0.997	33.00	7.1	0.02	271.48	0.46	0
33.00	1.001	33.00	4.7	0.984	0.05	258.71	0.998	33.00	6.3	0.01	271.48	0.50	0
33.00	1.001	33.00	5.5	0.983	0.02	258.71	0.997	33.00	7.1	0.08	271.48	0.49	0
33.00	1.001	33.01	5.1	0.983	0.12	258.71	0.995	33.00	6.7	0.12	271.48	0.47	0
33.01	1.001	33.00	5.9	0.982	0.92	258.71	0.997	33.00	7.4	0.92	271.48	0.50	0
33.01	1.001	33.00	5.5	0.983	0.31	258.71	0.997	33.00	6.9	0.31	271.48	0.50	0
33.00	1.001	33.01	5.9	0.981	1.00	258.71	0.997	33.00	6.9	1.00	271.47	0.48	0
33.00	1.001	33.00	5.3	0.982	1.58	258.70	0.996	33.00	7.1	1.58	271.47	0.50	0
33.00	1.001	33.00	5.7	0.982	0.54	258.70	0.995	33.00	7.4	0.54	271.47	0.48	0
32.99	1.001	33.00	5.3	0.982	0.85	258.70	0.998	33.00	7.1	0.85	271.47	0.50	0
33.00	1.002	33.01	5.5	0.981	0.29	258.70	0.996	32.99	7.1	0.29	271.46	0.50	0
33.01	1.002	33.00	5.3	0.982	0.92	258.70	0.997	33.00	7.1	0.92	271.46	0.49	0
33.00	1.001	33.00	5.5	0.981	1.47	258.69	0.998	33.00	7.1	1.47	271.46	0.47	0
33.00	1.001	33.00	5.7	0.982	2.33	258.69	0.997	33.00	7.4	2.33	271.46	0.49	0
33.00	1.002	33.00	5.3	0.982	0.79	258.68	0.999	33.00	6.9	0.79	271.45	0.51	0
33.00	1.001	33.00	5.9	0.981	0.27	258.68	0.997	33.00	7.8	0.27	271.45	0.47	0
33.00	1.001	33.00	5.9	0.981	0.18	258.68	0.997	33.00	7.4	0.86	271.45	0.48	0
33.00	1.001	33.00	5.3	0.982	0.29	258.68	0.996	33.00	7.1	0.29	271.45	0.51	0

	normalized pm2.5 noise	normalized pm-c noise	3-min avg normalized noise pm2.5 noise	pm-c noise
	0.107	0.107		
	0.012	0.012	0.050	0.050
947				
958				
969				
980				
991				
1002				
1013				
1024				
1035				
1046				
1057				
1063				
1079				
1090				
1101				
1112				
1123				
1134				
1145				
1156				
1167			#DIV/0!	#DIV/0!
1178			#DIV/0!	#DIV/0!
1189			#DIV/0!	#DIV/0!
1200			#DIV/0!	#DIV/0!
1211			#DIV/0!	#DIV/0!
1222			0.022	0.023
1233	0.022	0.023	0.015	0.016
1244	0.009	0.009	0.021	0.022
1255	0.032	0.032	0.030	0.030
1266	0.049	0.050	0.032	0.033
1277	0.016	0.016	0.029	0.029
1288	0.021	0.021	0.015	0.015
1299	0.007	0.008	0.018	0.018
1310	0.025	0.025	0.021	0.021
1321	0.031	0.031	0.031	0.031
1332	0.036	0.037	0.026	0.027
1343	0.012	0.012	0.019	0.019
1354	0.008	0.008	0.009	0.020
1365	0.008	0.040	0.012	0.023
1376	0.020	0.021	0.012	0.023
1387				
1398				

1409
1420
1431

10:39	0.0	6/17/2021 10:39:38	4	1219	1204	129.3	121.5	33.00
10:40	0.0	6/17/2021 10:40:39	4	1151	1101	130.4	122.6	33.00
10:41	0.0	6/17/2021 10:41:38	4	1075	1017	131.2	123.4	33.01
10:42	0.0	6/17/2021 10:42:39	4	976	965	132.2	124.3	33.00
10:43	0.0	6/17/2021 10:43:38	4	774	687	133.0	125.1	33.00
10:44	0.0	6/17/2021 10:44:39	4	643	637	133.5	125.6	33.00
10:45	0.0	6/17/2021 10:45:39	4	463	345	134.0	126.0	33.01
10:46	0.0	6/17/2021 10:46:38	4	499	372	134.5	126.5	33.00
10:47	0.0	6/17/2021 10:47:39	4	542	459	135.0	126.9	33.00
10:48	0.0	6/17/2021 10:48:39	4	602	551	135.6	127.5	33.00
10:49	0.0	6/17/2021 10:49:38	4	803	636	136.2	128.0	33.00
10:50	0.0	6/17/2021 10:50:39	4	1132	1040	137.2	129.1	33.00
10:51	0.0	6/17/2021 10:51:38	4	2180	2072	139.4	131.1	33.00
10:52	0.0	6/17/2021 10:52:39	4	2750	2662	142.1	133.7	33.00
10:53	0.0	6/17/2021 10:53:38	4	3134	2968	145.1	136.6	33.01
10:54	0.0	6/17/2021 10:54:38	4	3130	3063	147.7	139.1	33.00
10:55	0.0	6/17/2021 10:55:39	4	3150	2657	150.9	141.9	33.00
10:56	0.0	6/17/2021 10:56:38	4	3094	2868	154.0	144.9	33.01
10:57	0.0	6/17/2021 10:57:39	4	2902	3010	156.9	147.8	33.00
10:58	0.0	6/17/2021 10:58:38	4	2904	2590	159.5	150.0	33.00
10:59	0.0	6/17/2021 10:59:38	4	2679	2528	162.1	152.4	33.00
11:00	0.0	6/17/2021 11:00:39	4	2684	2591	164.6	154.8	33.00
11:01	0.0	6/17/2021 11:01:38	4	2201	1897	166.9	156.8	32.99
11:02	0.0	6/17/2021 11:02:39	4	2352	2144	169.2	159.0	33.00
11:03	0.0	6/17/2021 11:03:39	4	1544	1474	171.0	160.6	33.00
11:04	0.0	6/17/2021 11:04:39	4	1691	1527	172.5	162.1	33.00
11:05	0.0	6/17/2021 11:05:39	4	627	615	173.2	162.7	33.00
11:06	0.0	6/17/2021 11:06:38	4	229	209	173.5	163.0	33.00
11:07	0.0	6/17/2021 11:07:39	4	87	58	173.6	163.1	33.00
11:08	0.0	6/17/2021 11:08:38	4	49	-1	173.7	163.1	33.00
11:09	0.0	6/17/2021 11:09:39	4	-55	-1	173.6	163.1	33.00
11:10	0.0	6/17/2021 11:10:39	4	-33	-22	173.6	163.1	33.01
11:11	0.0	6/17/2021 11:11:38	4	14	55	173.6	163.1	33.00
11:12	0.0	6/17/2021 11:12:39	4	37	50	173.7	163.2	33.00
11:13	0.0	6/17/2021 11:13:38	4	95	15	173.8	163.2	33.00
11:14	0.0	6/17/2021 11:14:39	4	74	165	173.8	163.3	33.00
11:15	0.0	6/17/2021 11:15:38	4	113	133	173.9	163.4	33.00
11:16	0.0	6/17/2021 11:16:38	4	540	475	174.4	163.9	33.00
11:17	0.0	6/17/2021 11:17:39	4	393	373	174.8	164.3	33.01
11:18	0.0	6/17/2021 11:18:38	4	149	144	174.9	164.4	33.00
11:19	0.0	6/17/2021 11:19:39	4	85	74	175.0	164.5	33.00
11:20	0.0	6/17/2021 11:20:38	4	81	83	175.1	164.6	33.00
11:21	0.0	6/17/2021 11:21:38	4	100	166	175.3	164.8	33.00
11:22	0.0	6/17/2021 11:22:39	4	37	92	175.3	164.8	33.00
11:23	0.0	6/17/2021 11:23:38	4	-26	-55	175.3	164.8	33.00
11:24	0.0	6/17/2021 11:24:39	4	107	117	175.4	164.9	33.00
11:25	0.0	6/17/2021 11:25:38	4	181	136	175.6	165.0	33.00

33.00	1.001	33.00	6.1	0.981	0.10	258.68	0.996	33.00	8.0	0.10	271.45	0.47	0
33.00	1.002	33.01	5.9	0.981	0.16	258.68	0.997	33.00	7.4	0.16	271.45	0.49	0
33.00	1.001	33.00	5.7	0.982	0.11	258.68	0.996	33.00	7.6	0.11	271.45	0.51	0
33.00	1.002	33.00	5.7	0.982	0.17	258.68	0.998	33.00	7.6	0.17	271.44	0.48	0
33.00	1.001	33.00	5.7	0.98	0.06	258.68	0.996	33.00	7.6	0.06	271.44	0.49	0
33.00	1.001	33.00	6.1	0.98	0.09	258.68	0.994	33.00	8.0	0.09	271.44	0.51	0
33.00	1.001	33.00	5.3	0.982	0.15	258.68	0.997	33.00	7.4	0.15	271.44	0.49	0
33.00	1.001	33.00	5.9	0.981	0.05	258.68	0.997	32.99	7.6	0.05	271.44	0.47	0
33.00	1.001	33.00	5.3	0.982	0.08	258.68	0.997	33.00	7.6	0.08	271.44	0.48	0
33.00	1.001	33.00	5.3	0.982	0.13	258.68	0.995	33.00	7.4	0.13	271.44	0.47	0
33.00	1.001	33.00	5.7	0.982	0.09	258.68	0.997	33.00	7.4	0.40	271.44	0.46	0
33.00	1.001	33.00	5.5	0.981	0.63	258.68	0.997	33.00	7.1	0.63	271.44	0.51	0
33.01	1.001	33.00	5.5	0.981	0.22	258.67	0.995	33.00	7.4	0.22	271.44	0.47	0
33.00	1.001	33.00	5.5	0.981	0.34	258.67	0.995	33.00	7.6	0.34	271.44	0.47	0
33.00	1.001	33.00	5.9	0.981	0.54	258.67	0.997	33.00	7.8	0.54	271.44	0.47	0
33.00	1.001	33.00	6.1	0.981	0.37	258.67	0.997	33.00	8.0	0.37	271.44	0.47	0
33.00	1.001	33.00	5.7	0.98	0.59	258.67	0.997	33.00	7.6	0.59	271.43	0.51	0
33.00	1.001	33.01	5.9	0.981	0.93	258.67	0.995	33.00	8.0	0.93	271.43	0.47	0
33.00	1.001	33.00	6.5	0.978	1.48	258.66	0.995	33.00	8.4	0.32	271.43	0.50	0
32.99	1.001	33.00	6.5	0.978	1.01	258.66	0.997	33.00	8.2	0.22	271.43	0.47	0
33.00	1.001	33.00	6.1	0.978	0.34	258.66	0.996	33.00	8.0	0.34	271.43	0.49	0
33.00	1.002	33.00	6.3	0.977	0.54	258.66	0.995	33.00	8.4	0.54	271.43	0.49	0
33.01	1.001	33.00	6.9	0.976	0.86	258.66	0.996	33.00	9.2	0.86	271.42	0.48	0
33.00	1.001	33.00	6.9	0.976	0.29	258.66	0.997	33.00	9.0	0.29	271.42	0.48	0
33.00	1.002	33.00	7.4	0.974	0.47	258.66	0.995	33.00	9.2	0.47	271.42	0.46	0
33.00	1.001	33.00	6.9	0.976	0.32	258.65	0.997	33.01	9.0	0.32	271.42	0.47	0
33.00	1.001	33.00	7.1	0.975	0.11	258.65	0.997	33.00	9.0	0.02	271.42	0.51	0
33.00	1.001	33.00	6.9	0.974	0.04	258.65	0.997	33.00	8.6	0.04	271.42	0.47	0
33.00	1.001	33.01	7.1	0.975	0.01	258.65	0.995	33.00	9.0	0.06	271.42	0.46	0
33.00	1.001	33.01	6.9	0.976	0.01	258.65	0.996	33.00	9.2	0.04	271.42	0.47	0
33.00	1.001	33.00	6.9	0.975	0.01	258.65	0.997	33.00	8.8	0.01	271.42	0.46	0
33.00	1.001	33.00	6.7	0.975	0.02	258.65	0.997	33.01	9.4	0.02	271.42	0.48	0
33.00	1.001	33.00	6.9	0.974	0.03	258.65	0.997	33.00	8.4	0.16	271.42	0.50	0
33.00	1.001	33.00	7.4	0.974	0.05	258.65	0.997	33.00	8.8	0.05	271.42	0.50	0
33.00	1.001	33.00	7.1	0.973	0.04	258.65	0.997	33.00	8.8	0.04	271.42	0.50	0
33.00	1.001	33.00	7.1	0.975	0.06	258.65	0.998	33.00	9.2	0.06	271.42	0.49	0
33.00	1.001	33.00	6.9	0.976	0.02	258.65	0.997	33.00	9.2	0.02	271.42	0.50	0
33.00	1.001	33.01	7.4	0.974	0.15	258.65	0.997	33.00	9.0	0.03	271.42	0.49	0
33.00	1.001	33.00	7.4	0.974	0.05	258.65	0.997	33.00	9.0	0.23	271.42	0.50	0
33.01	1.002	33.00	6.9	0.976	0.03	258.65	0.997	33.00	9.6	0.03	271.42	0.47	0
33.00	1.001	33.00	7.1	0.974	0.05	258.65	0.997	33.01	9.0	0.05	271.42	0.50	0
33.00	1.001	33.00	6.7	0.975	0.02	258.65	0.996	33.00	8.8	0.02	271.42	0.47	0
33.00	1.001	33.00	7.1	0.975	0.03	258.65	0.998	33.00	9.0	0.03	271.42	0.47	0
32.99	1.002	33.00	7.4	0.975	0.02	258.65	0.997	33.00	9.4	0.02	271.42	0.47	0
33.00	1.001	33.00	6.5	0.976	0.03	258.65	0.997	33.00	8.8	0.03	271.42	0.49	0
33.01	1.001	33.00	6.7	0.975	0.05	258.65	0.994	33.00	9.2	0.01	271.42	0.47	0
32.99	1.002	32.99	6.9	0.976	0.08	258.65	0.997	33.00	9.6	0.08	271.42	0.48	0

0.008	0.008		0.014	0.015
0.014	0.014		0.011	0.011
0.010	0.011		0.012	0.012
			0.010	0.011
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
			0.056	0.061
0.056	0.061		0.033	0.036
0.010	0.010		0.026	0.028
0.012	0.013		0.013	0.014
0.017	0.018		0.014	0.014
0.012	0.012		0.016	0.017
0.019	0.022		0.020	0.022
0.030	0.032		0.033	0.022
0.051	0.011		0.039	0.017
0.035	0.008		0.033	0.011
0.013	0.014		0.023	0.014
0.020	0.021		0.024	0.027
0.039	0.045		0.024	0.027
0.012	0.014		0.027	0.030
0.030	0.032		0.020	0.022
0.019	0.021		0.024	0.026
			0.019	0.021
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!
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		#DIV/0!		#DIV/0!

11:26	0.0	6/17/2021 11:26:38	4	339	275	175.8	165.2	33.00
11:27	0.0	6/17/2021 11:27:39	4	581	510	176.4	165.8	33.01
11:28	0.0	6/17/2021 11:28:38	4	1160	1120	177.5	166.9	33.01
11:29	0.0	6/17/2021 11:29:39	4	520	598	178.1	167.4	33.00
11:30	0.0	6/17/2021 11:30:38	4	177	143	178.2	167.6	33.00
11:31	0.0	6/17/2021 11:31:39	4	128	87	178.3	167.7	32.99
11:32	0.0	6/17/2021 11:32:39	4	83	60	178.4	167.7	32.99
11:33	0.0	6/17/2021 11:33:38	4	-19	-16	178.4	167.7	32.99
11:34	0.0	6/17/2021 11:34:39	4	14	79	178.4	167.8	33.01
11:35	0.0	6/17/2021 11:35:38	4	-98	-261	178.4	167.6	33.00
11:36	0.0	6/17/2021 11:36:39	4	-98	-41	178.3	167.6	32.99
11:37	0.0	6/17/2021 11:37:39	4	-114	-117	178.2	167.5	33.00
11:38	0.0	6/17/2021 11:38:38	4	-87	8	178.1	167.5	33.00
11:39	0.0	6/17/2021 11:39:39	4	-41	-179	178.1	167.4	33.00
11:40	0.0	6/17/2021 11:40:38	4	-86	-64	178.0	167.4	33.00
11:41	0.0	6/17/2021 11:41:39	4	-33	90	178.0	167.3	32.99
11:42	0.0	6/17/2021 11:42:39	4	-18	-17	177.9	167.5	33.00
11:43	0.0	6/17/2021 11:43:38	4	-59	126	177.9	167.4	33.00
11:44	0.0	6/17/2021 11:44:39	4	-49	-458	177.8	167.2	33.01
11:45	0.0	6/17/2021 11:45:38	4	-33	-84	177.8	167.1	33.00
11:46	0.0	6/17/2021 11:46:39	4	-21	-323	177.8	166.8	33.00
11:47	0.0	6/17/2021 11:47:38	4	-9	213	177.7	167.1	33.00
11:48	0.0	6/17/2021 11:48:39	4	-11	19	177.8	166.9	33.00
11:49	0.0	6/17/2021 11:49:39	4	12	-2	177.8	167.0	33.00
11:50	0.0	6/17/2021 11:50:38	4	6	26	177.8	167.0	33.00
11:51	0.0	6/17/2021 11:51:39	4	-8	62	177.8	167.0	33.00
11:52	0.0	6/17/2021 11:52:38	4	-42	-14	177.7	167.0	32.99
11:53	0.0	6/17/2021 11:53:39	4	18	-22	177.7	167.0	33.00
11:54	0.0	6/17/2021 11:54:39	4	18	-25	177.7	167.0	33.01
11:55	0.0	6/17/2021 11:55:38	4	3	55	177.8	167.0	33.00
11:56	0.0	6/17/2021 11:56:39	4	-53	-4	177.8	167.0	33.00
11:57	0.0	6/17/2021 11:57:38	4	-30	-60	177.7	166.9	33.01
11:58	0.0	6/17/2021 11:58:39	4	-76	-88	177.7	166.9	32.99
11:59	0.1	6/17/2021 11:59:46	1	-162	-170	0.0	0.0	32.99
12:00	0.0	6/17/2021 12:00:38	2	-162	-170	0.0	0.0	33.00
12:01	0.0	6/17/2021 12:01:39	2	-162	-170	0.0	0.0	33.00
12:02	0.0	6/17/2021 12:02:38	3	-162	-170	0.0	0.0	32.99
12:03	0.0	6/17/2021 12:03:38	3	-165	-185	-0.2	-0.2	33.00
12:04	0.0	6/17/2021 12:04:39	3	-12	-122	-0.2	-0.3	33.00
12:05	0.0	6/17/2021 12:05:39	3	24	-51	-0.2	-0.3	33.00
12:06	0.0	6/17/2021 12:06:38	3	-31	9	-0.2	-0.3	33.00
12:07	0.0	6/17/2021 12:07:39	3	66	-18	-0.1	-0.3	33.00
12:08	0.0	6/17/2021 12:08:38	3	40	-30	-0.1	-0.4	33.00
12:09	0.0	6/17/2021 12:09:39	3	83	80	0.0	-0.3	33.00
12:10	0.0	6/17/2021 12:10:39	3	16	-25	0.0	-0.3	33.00
12:11	0.0	6/17/2021 12:11:38	3	106	112	0.1	-0.3	33.00
12:12	0.0	6/17/2021 12:12:39	3	113	85	0.2	-0.3	33.00

32.99	1.001	33.00	7.4	0.974	0.05	258.65	0.997	33.00	9.2	0.25	271.42	0.47	0
33.00	1.001	33.00	7.1	0.975	0.09	258.65	0.998	33.00	9.6	0.09	271.42	0.49	0
33.00	1.001	33.00	7.4	0.974	0.14	258.65	0.997	33.00	9.8	0.14	271.42	0.51	0
33.01	1.001	33.00	7.1	0.975	0.22	258.65	0.995	33.00	9.6	0.22	271.42	0.51	0
33.00	1.001	33.00	7.4	0.974	0.02	258.65	0.997	32.99	9.6	0.07	271.42	0.49	0
32.99	1.001	32.99	7.4	0.975	0.12	258.65	0.998	32.99	9.8	0.03	271.42	0.51	0
33.01	1.001	33.00	6.9	0.974	0.02	258.65	0.997	32.99	8.8	0.02	271.42	0.46	0
33.01	1.002	33.00	6.9	0.974	0.03	258.65	0.998	33.00	9.2	0.13	271.42	0.48	0
33.01	1.001	33.01	7.4	0.974	0.01	258.65	0.997	33.00	9.6	0.04	271.42	0.49	0
32.99	1.001	33.00	7.6	0.973	0.07	258.65	0.996	33.00	9.6	0.07	271.42	0.47	0
33.00	1.001	33.00	7.1	0.975	0.02	258.65	0.998	33.00	9.8	0.02	271.42	0.50	0
33.00	1.001	33.00	7.4	0.974	0.07	258.65	0.997	33.00	9.2	0.07	271.42	0.48	0
33.00	1.001	33.00	7.6	0.973	0.01	258.65	0.998	33.00	9.6	0.12	271.42	0.47	0
33.00	1.001	33.00	7.6	0.973	0.04	258.65	0.997	33.01	9.2	0.19	271.42	0.47	0
32.99	1.001	33.00	7.6	0.973	0.01	258.65	0.996	33.00	9.2	0.30	271.42	0.47	0
33.00	1.001	33.00	7.6	0.974	0.04	258.65	0.997	33.00	9.8	0.20	271.42	0.49	0
33.00	1.001	33.00	7.6	0.973	0.01	258.65	0.997	33.00	9.2	0.07	271.42	0.46	0
33.01	1.001	33.00	6.9	0.975	0.02	258.65	0.997	33.00	9.6	0.11	271.42	0.50	0
33.00	1.002	33.00	7.4	0.974	0.01	258.65	0.996	33.01	9.2	0.17	271.42	0.49	0
33.01	1.002	33.00	7.6	0.973	0.00	258.65	0.996	33.00	9.2	0.06	271.42	0.48	0
33.00	1.001	33.00	7.1	0.973	0.02	258.65	0.997	33.00	9.4	0.44	271.42	0.51	0
33.00	1.001	33.00	7.4	0.974	0.03	258.65	0.996	33.01	9.4	0.15	271.42	0.47	0
32.99	1.002	33.00	7.6	0.973	0.01	258.65	0.997	33.01	9.2	0.24	271.42	0.47	0
33.00	1.002	33.01	7.1	0.975	0.03	258.65	0.995	33.00	9.2	0.16	271.42	0.47	0
33.00	1.001	33.00	7.4	0.974	0.01	258.65	0.997	33.01	9.8	0.05	271.42	0.51	0
33.00	1.002	33.00	7.6	0.973	0.02	258.65	0.996	33.00	9.6	0.09	271.42	0.47	0
33.01	1.001	33.00	7.1	0.973	0.14	258.65	0.996	33.00	8.8	0.03	271.42	0.51	0
33.00	1.001	33.00	7.1	0.973	0.05	258.65	0.997	33.01	8.8	0.05	271.42	0.50	0
33.00	1.001	33.00	6.9	0.973	0.03	258.65	0.997	33.00	9.0	0.15	271.42	0.49	0
33.00	1.001	33.00	7.1	0.973	0.01	258.65	0.997	33.00	9.0	0.05	271.42	0.50	0
32.99	1.001	32.99	6.5	0.974	0.08	258.65	0.997	33.00	8.8	0.08	271.42	0.49	0
33.01	1.002	33.00	7.6	0.973	0.01	258.65	0.997	33.00	9.4	0.03	271.42	0.49	0
33.01	1.002	33.00	7.4	0.973	0.09	258.65	0.997	33.00	9.8	0.09	271.42	0.48	0
32.99	1.001	31.87	4.9	0.984	0.00	0.00	0.993	31.74	6.5	0.00	0.00	0.49	50528256
32.99	1.001	33.20	4.9	0.984		258.66	0.997	33.27	6.9		271.73	0.50	0
33.00	1.001	33.24	5.5	0.983		258.66	0.996	33.34	7.4		271.73	0.49	0
33.00	1.001	33.24	5.5	0.983		258.66	0.997	33.33	6.9		271.73	0.46	0
33.01	1.001	33.23	5.1	0.983	2.60	258.66	0.997	33.31	6.7	2.60	271.73	0.46	0
33.01	1.001	33.21	5.1	0.985	0.04	258.66	0.997	33.29	6.9	0.04	271.73	0.51	0
33.00	1.001	33.20	5.1	0.985	0.01	258.66	0.997	33.27	6.7	0.06	271.73	0.51	0
33.00	1.001	33.17	4.5	0.985	0.02	258.66	0.996	33.25	6.1	0.02	271.73	0.48	0
33.00	1.001	33.16	4.9	0.984	0.01	258.66	0.997	33.22	6.5	0.01	271.73	0.51	0
33.00	1.001	33.13	4.7	0.983	0.02	258.66	0.996	33.20	6.5	0.02	271.73	0.47	0
33.00	1.001	33.11	4.9	0.984	0.04	258.66	0.996	33.17	6.5	0.04	271.73	0.50	0
33.01	1.001	33.09	5.3	0.984	0.06	258.66	0.997	33.14	7.1	0.06	271.73	0.48	0
33.00	1.001	33.06	5.1	0.985	0.02	258.66	0.998	33.11	6.9	0.02	271.73	0.49	0
33.00	1.001	33.06	5.3	0.984	0.06	258.66	0.995	33.09	6.9	0.06	271.73	0.46	0

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12:13	0.0	6/17/2021 12:13:38	3	45	55	0.2	-0.2	33.00
12:14	0.0	6/17/2021 12:14:39	3	80	29	0.3	-0.2	33.00
12:15	0.0	6/17/2021 12:15:38	3	112	46	0.4	-0.1	33.00
12:16	0.0	6/17/2021 12:16:38	3	-7	57	0.4	-0.1	33.00
12:17	0.0	6/17/2021 12:17:39	3	-15	23	0.3	0.0	33.00
12:18	0.0	6/17/2021 12:18:38	3	56	9	0.4	0.0	33.00
12:19	0.0	6/17/2021 12:19:39	3	-42	10	0.3	0.0	33.00
12:20	0.0	6/17/2021 12:20:38	3	-54	31	0.3	0.0	33.00
12:21	0.0	6/17/2021 12:21:38	3	-10	34	0.3	0.1	33.00
12:22	0.0	6/17/2021 12:22:39	3	-33	47	0.3	0.1	33.00
12:23	0.0	6/17/2021 12:23:38	3	-96	43	0.2	0.1	33.00
12:24	0.0	6/17/2021 12:24:39	3	26	73	0.2	0.2	33.00
12:25	0.0	6/17/2021 12:25:38	3	65	23	0.3	0.2	33.00
12:26	0.0	6/17/2021 12:26:40	3	63	67	0.3	0.3	33.00
12:27	0.0	6/17/2021 12:27:39	3	41	83	0.3	0.3	33.00
12:28	0.0	6/17/2021 12:28:38	3	69	99	0.4	0.4	33.00
12:29	0.0	6/17/2021 12:29:39	3	381	793	0.9	1.2	33.00
12:30	0.0	6/17/2021 12:30:38	3	1894	1780	2.9	2.9	33.00
12:31	0.0	6/17/2021 12:31:39	3	872	996	3.5	3.7	33.00
12:32	0.0	6/17/2021 12:32:39	3	703	719	4.2	4.5	33.00
12:33	0.0	6/17/2021 12:33:38	3	819	850	5.0	5.3	32.99
12:34	0.0	6/17/2021 12:34:39	3	749	802	5.7	6.1	33.01
12:35	0.0	6/17/2021 12:35:38	3	841	843	6.5	6.9	33.00
12:36	0.0	6/17/2021 12:36:38	3	858	952	7.2	7.7	33.00
12:37	0.0	6/17/2021 12:37:38	3	796	717	8.0	8.3	33.00
12:38	0.0	6/17/2021 12:38:39	3	915	866	8.9	9.3	33.00
12:39	0.0	6/17/2021 12:39:38	3	859	868	9.8	10.1	33.00
12:40	0.0	6/17/2021 12:40:39	3	963	1039	10.6	11.0	33.00
12:41	0.0	6/17/2021 12:41:38	3	1160	1123	11.7	12.0	33.00
12:42	0.0	6/17/2021 12:42:39	3	1191	1181	12.9	13.2	33.00
12:43	0.0	6/17/2021 12:43:39	3	1182	1190	13.9	14.3	33.00
12:44	0.0	6/17/2021 12:44:38	3	1181	996	15.1	15.3	33.00
12:45	0.0	6/17/2021 12:45:38	3	1090	1100	16.1	16.4	33.00
12:46	0.0	6/17/2021 12:46:39	3	1140	1111	17.3	17.6	33.00
12:47	0.0	6/17/2021 12:47:39	3	1362	1471	18.8	19.2	33.00
12:48	0.0	6/17/2021 12:48:38	3	1511	1276	20.0	20.4	32.99
12:49	0.0	6/17/2021 12:49:39	3	1460	1496	21.5	22.0	33.00
12:50	0.0	6/17/2021 12:50:38	3	1470	1468	23.0	23.5	33.00
12:51	0.0	6/17/2021 12:51:39	3	1563	1617	24.5	25.1	33.00
12:52	0.0	6/17/2021 12:52:39	3	1487	1534	25.6	26.3	33.00
12:53	0.0	6/17/2021 12:53:38	3	1270	1408	27.0	27.7	33.00
12:54	0.0	6/17/2021 12:54:39	3	1409	1412	28.4	29.2	33.00
12:55	0.0	6/17/2021 12:55:39	3	1342	1295	29.8	30.5	33.01
12:56	0.0	6/17/2021 12:56:38	3	1112	1128	31.0	31.8	33.00
12:57	0.0	6/17/2021 12:57:39	3	1224	1318	32.1	32.9	33.00
12:58	0.0	6/17/2021 12:58:39	3	1056	1100	33.1	34.0	33.00
12:59	0.0	6/17/2021 12:59:38	4	958	800	34.1	34.8	33.00

33.00	1.001	33.04	4.9	0.984	0.02	258.66	0.996	33.06	6.9	0.02	271.73	0.51	0
33.00	1.001	33.02	4.9	0.983	0.03	258.66	0.997	33.03	6.3	0.03	271.73	0.47	0
32.99	1.001	33.00	5.1	0.985	0.06	258.66	0.995	33.01	7.1	0.01	271.73	0.49	0
33.00	1.001	33.00	5.5	0.983	0.04	258.66	0.999	33.00	6.9	0.04	271.73	0.49	0
33.00	1.001	33.01	5.5	0.983	0.01	258.66	0.997	33.01	7.4	0.01	271.73	0.49	0
33.00	1.001	33.00	5.3	0.984	0.02	258.66	0.997	33.01	6.7	0.02	271.73	0.49	0
33.00	1.001	33.00	5.5	0.983	0.03	258.66	0.999	33.01	6.7	0.03	271.73	0.47	0
33.00	1.001	33.00	5.5	0.983	0.05	258.66	0.995	33.01	7.1	0.05	271.73	0.49	0
33.00	1.001	33.00	4.9	0.984	0.04	258.66	0.997	33.01	6.5	0.04	271.73	0.48	0
33.00	1.001	33.01	4.7	0.985	0.01	258.66	0.997	33.01	6.5	0.01	271.73	0.46	0
33.00	1.001	33.00	5.5	0.983	0.09	258.66	0.997	33.00	6.9	0.02	271.73	0.50	0
33.00	1.001	33.00	4.9	0.984	0.01	258.66	0.997	33.01	6.1	0.03	271.73	0.46	0
33.00	1.001	33.00	4.9	0.984	0.05	258.66	0.998	33.01	6.7	0.05	271.73	0.49	0
33.01	1.001	33.00	4.9	0.984	0.08	258.66	0.995	33.00	6.5	0.08	271.73	0.49	0
33.00	1.001	33.00	5.1	0.985	0.05	258.66	0.996	33.00	6.7	0.05	271.73	0.51	0
33.00	1.001	33.01	5.3	0.984	0.08	258.66	0.997	33.00	6.9	0.08	271.73	0.50	0
33.00	1.001	33.00	5.5	0.983	0.13	258.66	0.995	33.00	7.4	0.13	271.73	0.51	0
32.99	1.001	33.00	5.1	0.983	0.21	258.66	0.997	33.01	6.7	0.21	271.73	0.49	0
33.00	1.001	33.00	5.5	0.983	0.14	258.66	0.997	33.01	6.7	0.14	271.73	0.51	0
33.01	1.001	33.00	5.1	0.983	0.22	258.66	0.997	33.00	6.7	0.22	271.73	0.50	0
33.01	1.001	33.01	5.3	0.984	0.08	258.65	0.997	33.00	7.1	0.08	271.73	0.49	0
33.00	1.001	33.00	5.1	0.983	0.12	258.65	0.995	33.00	6.9	0.12	271.73	0.46	0
33.00	1.001	33.00	5.3	0.982	0.19	258.65	0.995	33.01	6.9	0.19	271.73	0.48	0
33.00	1.001	33.00	5.3	0.983	0.13	258.65	0.997	33.00	7.4	0.13	271.73	0.47	0
33.01	1.001	33.00	5.3	0.982	0.21	258.65	0.997	33.00	6.9	0.21	271.72	0.51	0
33.00	1.001	33.00	5.9	0.981	0.33	258.65	0.995	33.00	7.4	0.07	271.72	0.46	0
33.00	1.001	33.00	5.1	0.982	0.11	258.65	0.995	33.00	6.7	0.11	271.72	0.47	0
33.01	1.001	33.00	5.3	0.982	0.36	258.65	0.994	32.99	6.9	0.36	271.72	0.47	0
33.00	1.001	33.00	5.1	0.983	0.12	258.65	0.999	33.00	6.9	0.12	271.72	0.47	0
33.00	1.001	33.00	5.5	0.981	0.19	258.65	0.997	33.00	6.9	0.19	271.72	0.49	0
33.00	1.002	33.00	5.3	0.982	0.31	258.65	0.997	33.00	6.9	0.31	271.72	0.46	0
33.00	1.002	33.00	5.5	0.983	0.10	258.65	0.996	33.01	6.9	0.48	271.72	0.49	0
33.00	1.001	33.00	5.1	0.983	0.16	258.65	0.995	33.00	6.9	0.77	271.72	0.50	0
33.00	1.001	33.00	5.9	0.981	0.26	258.65	0.997	33.00	6.9	0.26	271.72	0.50	0
33.00	1.001	33.00	5.7	0.982	0.42	258.65	0.997	33.01	7.1	0.42	271.72	0.50	0
33.00	1.001	33.00	5.9	0.978	0.28	258.65	0.997	33.00	6.5	0.28	271.72	0.47	0
33.00	1.001	33.00	5.9	0.981	0.45	258.64	0.996	33.01	7.8	0.45	271.72	0.47	0
33.00	1.001	33.00	6.1	0.98	0.15	258.64	0.998	33.00	7.4	0.71	271.71	0.50	0
33.00	1.002	33.00	5.9	0.981	0.24	258.64	0.997	33.00	7.6	0.24	271.71	0.47	0
33.00	1.001	33.00	5.7	0.982	0.17	258.64	0.996	33.00	7.8	0.17	271.71	0.48	0
33.00	1.002	33.00	6.1	0.98	0.26	258.64	0.996	33.00	7.8	0.26	271.71	0.51	0
33.00	1.001	33.00	5.7	0.982	0.42	258.64	0.997	33.00	7.4	0.42	271.71	0.48	0
33.00	1.001	33.00	6.5	0.978	0.14	258.64	0.999	33.00	8.0	0.66	271.71	0.48	0
33.01	1.001	33.00	5.7	0.981	0.23	258.64	0.997	33.00	6.9	0.23	271.71	0.51	0
33.00	1.001	33.00	5.7	0.98	0.15	258.64	0.997	33.00	7.1	0.15	271.71	0.50	0
33.01	1.001	33.00	5.7	0.98	0.24	258.64	0.998	33.01	6.9	0.24	271.71	0.50	0
33.00	1.001	33.00	6.5	0.978	0.08	258.64	0.997	33.00	7.8	0.39	271.71	0.50	0

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0.026	0.026		0.017	0.021
0.009			0.017	0.048
0.015	0.070		0.016	0.047
0.023	0.024		0.023	0.041
0.031	0.028		0.024	0.025
0.019	0.022		0.027	0.027
0.031	0.030		0.020	0.034
0.010	0.049		0.019	0.031
0.016	0.015		0.012	0.025
0.011	0.011		0.016	0.015
0.021	0.019		0.020	0.020
0.030	0.030		0.020	0.033
0.011	0.051		0.020	0.034
0.020	0.020		0.014	0.028
0.013	0.012		0.019	0.018
0.023	0.022		0.018	0.017
			0.023	0.022

13:00	0.0	6/17/2021 13:00:39	4	681	675	34.9	35.7	33.00
13:01	0.0	6/17/2021 13:01:38	4	641	443	35.4	36.1	33.00
13:02	0.0	6/17/2021 13:02:39	4	348	360	35.8	36.6	33.00
13:03	0.0	6/17/2021 13:03:39	4	309	312	36.1	36.9	33.00
13:04	0.0	6/17/2021 13:04:38	4	478	576	36.4	37.4	33.00
13:05	0.0	6/17/2021 13:05:39	4	376	422	36.8	37.8	33.00
13:06	0.0	6/17/2021 13:06:38	4	324	322	37.1	38.0	33.00
13:07	0.0	6/17/2021 13:07:39	4	298	383	37.3	38.4	33.00
13:08	0.0	6/17/2021 13:08:38	4	496	300	37.9	38.8	33.00
13:09	0.0	6/17/2021 13:09:39	4	601	547	38.4	39.4	33.00
13:10	0.0	6/17/2021 13:10:38	4	490	500	38.9	40.0	33.00
13:11	0.0	6/17/2021 13:11:39	4	681	649	39.5	40.5	33.00
13:12	0.0	6/17/2021 13:12:38	4	559	715	40.0	41.1	33.00
13:13	0.0	6/17/2021 13:13:39	4	487	642	40.6	41.7	33.00
13:14	0.0	6/17/2021 13:14:39	4	552	507	41.1	42.2	33.00
13:15	0.0	6/17/2021 13:15:38	4	526	541	41.5	42.7	33.00
13:16	0.0	6/17/2021 13:16:39	4	571	604	42.1	43.3	33.00
13:17	0.0	6/17/2021 13:17:38	4	609	522	42.6	43.8	33.00
13:18	0.0	6/17/2021 13:18:39	4	643	593	43.2	44.4	33.00
13:19	0.0	6/17/2021 13:19:38	4	677	596	43.9	45.1	33.00
13:20	0.0	6/17/2021 13:20:38	4	771	679	44.4	45.7	33.00
13:21	0.0	6/17/2021 13:21:39	4	838	729	45.2	46.4	33.00
13:22	0.0	6/17/2021 13:22:38	4	701	623	45.9	47.2	33.00
13:23	0.0	6/17/2021 13:23:39	4	828	793	46.7	48.0	33.00
13:24	0.0	6/17/2021 13:24:38	4	854	772	47.5	48.8	33.00
13:25	0.0	6/17/2021 13:25:38	4	792	896	48.2	49.5	33.00
13:26	0.0	6/17/2021 13:26:39	4	865	825	49.0	50.4	33.00
13:27	0.0	6/17/2021 13:27:38	4	948	915	49.9	51.3	33.00
13:28	0.0	6/17/2021 13:28:39	4	970	984	50.8	52.2	33.00
13:29	0.0	6/17/2021 13:29:38	4	1053	1130	51.8	53.3	33.00
13:30	0.0	6/17/2021 13:30:39	4	1100	1178	52.7	54.2	33.00
13:31	0.0	6/17/2021 13:31:39	4	1141	896	53.9	55.2	33.00
13:32	0.0	6/17/2021 13:32:38	4	647	751	54.7	56.0	33.00
13:33	0.0	6/17/2021 13:33:39	4	633	495	55.4	56.7	32.99
13:34	0.0	6/17/2021 13:34:38	4	705	636	55.9	57.3	33.01
13:35	0.0	6/17/2021 13:35:39	4	525	448	56.4	57.8	33.00
13:36	0.0	6/17/2021 13:36:39	4	355	422	56.8	58.3	33.00
13:37	0.0	6/17/2021 13:37:38	4	128	94	56.9	58.4	33.00
13:38	0.0	6/17/2021 13:38:39	4	114	82	57.0	58.5	33.00
13:39	0.0	6/17/2021 13:39:38	4	102	66	57.1	58.6	33.00
13:40	0.0	6/17/2021 13:40:39	4	94	135	57.2	58.7	33.00
13:41	0.0	6/17/2021 13:41:38	4	69	-1	57.2	58.7	33.00
13:42	0.0	6/17/2021 13:42:39	4	13	59	57.2	58.7	33.01
13:43	0.0	6/17/2021 13:43:38	4	58	7	57.2	58.7	33.00
13:44	0.0	6/17/2021 13:44:39	4	41	-7	57.3	58.7	33.01
13:45	0.0	6/17/2021 13:45:39	4	0	63	57.3	58.8	33.00
13:46	0.0	6/17/2021 13:46:39	4	62	44	57.3	58.9	33.00

33.00	1.001	33.00	6.1	0.98	0.13	258.64	0.997	33.00	7.8	0.13	271.71	0.47	0
33.00	1.001	33.00	5.5	0.98	0.09	258.64	0.997	33.00	7.4	0.09	271.71	0.48	0
33.00	1.001	33.00	5.5	0.981	0.14	258.64	0.997	33.00	7.6	0.14	271.71	0.47	0
33.00	1.001	33.00	6.1	0.98	0.05	258.64	0.996	33.00	7.8	0.05	271.71	0.49	0
33.00	1.001	33.00	5.9	0.981	0.08	258.64	0.998	33.00	7.8	0.36	271.71	0.50	0
33.00	1.001	33.00	6.1	0.978	0.12	258.64	0.997	33.00	7.1	0.12	271.71	0.51	0
33.00	1.002	33.00	5.7	0.98	0.08	258.64	0.997	33.01	7.1	0.08	271.71	0.46	0
33.00	1.002	33.00	6.1	0.978	0.13	258.64	0.996	33.00	7.1	0.13	271.71	0.46	0
33.00	1.001	33.00	5.5	0.98	0.04	258.64	0.996	33.00	6.9	0.21	271.70	0.48	0
33.01	1.002	33.00	6.5	0.978	0.07	258.63	0.997	33.00	7.8	0.33	271.70	0.48	0
33.00	1.001	33.00	5.9	0.978	0.11	258.63	0.997	33.00	7.4	0.11	271.70	0.47	0
33.00	1.002	33.00	6.5	0.978	0.08	258.63	0.996	33.00	7.8	0.36	271.70	0.48	0
33.00	1.002	33.00	6.5	0.978	0.12	258.63	0.993	33.00	8.0	0.12	271.70	0.48	0
33.00	1.001	33.00	6.5	0.978	0.04	258.63	0.997	33.00	7.8	0.19	271.70	0.47	0
32.99	1.002	33.00	5.7	0.978	0.07	258.63	0.997	33.01	7.1	0.31	271.70	0.49	0
33.01	1.002	33.00	6.1	0.978	0.04	258.63	0.997	33.00	7.4	0.21	271.70	0.48	0
33.01	1.001	33.00	6.1	0.978	0.33	258.63	0.998	33.00	7.4	0.33	271.70	0.49	0
33.00	1.001	33.00	6.5	0.978	0.11	258.63	0.995	33.00	8.0	0.11	271.70	0.46	0
33.00	1.001	33.00	6.3	0.978	0.18	258.63	0.997	33.00	7.4	0.18	271.70	0.51	0
33.00	1.001	33.00	6.1	0.978	0.06	258.63	0.998	33.00	7.8	0.29	271.70	0.46	0
33.00	1.001	33.01	6.3	0.978	0.19	258.63	0.997	33.00	7.6	0.19	271.70	0.49	0
33.00	1.001	33.00	5.7	0.978	0.31	258.63	0.995	33.00	7.4	0.07	271.70	0.48	0
33.00	1.001	33.00	6.1	0.978	0.11	258.63	0.996	33.00	7.6	0.11	271.70	0.46	0
33.00	1.001	32.99	6.3	0.977	0.17	258.63	0.997	33.00	7.8	0.17	271.70	0.51	0
33.00	1.001	33.01	6.5	0.978	0.26	258.63	0.996	33.00	7.8	0.26	271.70	0.51	0
33.00	1.002	33.00	6.1	0.978	0.18	258.63	0.995	33.00	7.8	0.18	271.70	0.48	0
33.01	1.001	33.00	6.5	0.977	0.29	258.63	0.998	33.01	7.6	0.06	271.70	0.49	0
33.00	1.001	33.00	6.5	0.978	0.45	258.63	0.997	33.00	8.2	0.45	271.70	0.51	0
33.00	1.001	33.00	5.9	0.978	0.72	258.63	0.998	33.00	7.4	0.72	271.70	0.47	0
33.00	1.001	33.00	6.5	0.976	0.11	258.63	0.997	33.00	7.6	0.11	271.70	0.46	0
33.00	1.001	33.00	6.3	0.978	0.17	258.63	0.997	33.00	8.0	0.17	271.70	0.46	0
33.00	1.001	33.00	7.1	0.975	0.27	258.63	0.997	33.00	8.2	0.27	271.69	0.47	0
32.99	1.001	33.00	5.9	0.977	0.09	258.63	0.998	32.99	7.4	0.42	271.69	0.48	0
33.00	1.001	32.99	6.7	0.976	0.03	258.62	0.997	32.99	8.4	0.14	271.69	0.46	0
33.00	1.001	33.01	6.3	0.976	0.10	258.62	0.996	33.00	7.8	0.10	271.69	0.47	0
33.00	1.001	33.00	6.9	0.975	0.15	258.62	0.995	33.00	8.0	0.15	271.69	0.49	0
32.99	1.001	33.00	6.1	0.977	0.05	258.62	0.997	33.00	7.6	0.05	271.69	0.46	0
32.99	1.001	33.00	6.5	0.976	0.02	258.62	0.996	33.00	7.8	0.02	271.69	0.47	0
33.00	1.001	33.00	6.3	0.976	0.13	258.62	0.996	33.00	7.6	0.03	271.69	0.46	0
33.01	1.001	33.01	6.7	0.976	0.09	258.62	0.997	33.00	8.0	0.02	271.69	0.51	0
33.00	1.001	33.00	5.9	0.977	0.01	258.62	0.997	33.00	7.6	0.03	271.69	0.49	0
33.00	1.001	33.00	6.3	0.976	0.05	258.62	0.998	33.00	7.8	0.05	271.69	0.51	0
33.00	1.001	33.00	6.9	0.976	0.02	258.62	0.998	33.01	8.6	0.02	271.69	0.50	0
33.00	1.001	33.00	6.5	0.976	0.01	258.62	0.997	33.00	7.8	0.01	271.69	0.48	0
32.99	1.001	33.00	6.7	0.975	0.02	258.62	0.998	33.00	7.6	0.08	271.69	0.51	0
33.00	1.001	33.00	6.5	0.975	0.03	258.62	0.995	33.00	7.6	0.03	271.69	0.47	0
33.00	1.001	33.00	6.9	0.975	0.05	258.62	0.998	33.00	8.0	0.05	271.69	0.47	0

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13:47	0.0	6/17/2021 13:47:38	4	-19	-2	57.3	58.8	33.01
13:48	0.0	6/17/2021 13:48:39	4	30	65	57.3	58.9	33.00
13:49	0.0	6/17/2021 13:49:38	4	25	73	57.4	59.0	32.99
13:50	0.0	6/17/2021 13:50:39	4	90	62	57.5	59.1	33.00
13:51	0.0	6/17/2021 13:51:39	4	44	44	57.5	59.1	33.00
13:52	0.0	6/17/2021 13:52:38	4	60	76	57.5	59.2	33.00
13:53	0.0	6/17/2021 13:53:39	4	79	94	57.6	59.3	33.01
13:54	0.0	6/17/2021 13:54:38	4	163	178	57.8	59.5	33.00
13:55	0.0	6/17/2021 13:55:39	4	68	272	57.9	59.7	33.01
13:56	0.0	6/17/2021 13:56:39	4	208	182	58.1	59.8	33.00
13:57	0.0	6/17/2021 13:57:38	4	644	522	58.6	60.3	32.99
13:58	0.0	6/17/2021 13:58:39	4	291	275	59.0	60.7	33.00
13:59	0.0	6/17/2021 13:59:38	4	-9	-7	58.9	60.7	33.00
14:00	0.0	6/17/2021 14:00:39	4	12	50	58.9	60.8	33.01
14:01	0.0	6/17/2021 14:01:38	4	36	38	59.0	60.8	33.00
14:02	0.0	6/17/2021 14:02:38	4	97	163	59.1	61.0	33.00
14:03	0.0	6/17/2021 14:03:39	4	80	143	59.2	61.1	33.00
14:04	0.0	6/17/2021 14:04:38	4	89	122	59.3	61.2	33.00
14:05	0.0	6/17/2021 14:05:39	4	38	123	59.4	61.3	33.00
14:06	0.0	6/17/2021 14:06:38	4	37	130	59.4	61.4	33.00
14:07	0.0	6/17/2021 14:07:39	4	60	64	59.5	61.4	33.00
14:08	0.0	6/17/2021 14:08:39	4	60	54	59.5	61.5	33.01
14:09	0.0	6/17/2021 14:09:38	4	115	151	59.6	61.6	33.00
14:10	0.0	6/17/2021 14:10:39	4	192	204	59.8	61.8	33.01
14:11	0.0	6/17/2021 14:11:38	4	259	171	60.0	61.9	33.00
14:12	0.0	6/17/2021 14:12:39	4	136	123	60.2	62.1	33.00
14:13	0.0	6/17/2021 14:13:39	4	72	81	60.3	62.3	33.00
14:14	0.0	6/17/2021 14:14:38	4	7	23	60.3	62.2	33.00
14:15	0.0	6/17/2021 14:15:39	4	107	109	60.4	62.4	33.00
14:16	0.0	6/17/2021 14:16:38	4	170	264	60.5	62.6	33.00
14:17	0.0	6/17/2021 14:17:38	4	148	102	60.6	62.7	33.00
14:18	0.0	6/17/2021 14:18:39	4	16	25	60.7	62.7	33.00
14:19	0.0	6/17/2021 14:19:39	4	36	-63	60.7	62.7	33.00
14:20	0.0	6/17/2021 14:20:38	4	29	88	60.7	62.8	33.00
14:21	0.0	6/17/2021 14:21:39	4	83	85	60.8	62.9	33.00
14:22	0.0	6/17/2021 14:22:38	4	23	92	60.8	63.0	33.00
14:23	0.0	6/17/2021 14:23:39	4	81	106	60.9	63.1	32.99
14:24	0.4	6/17/2021 14:25:05	1	53	135	0.0	0.0	32.99
14:25	0.0	6/17/2021 14:25:39	1	53	135	0.0	0.0	33.00
14:26	0.0	6/17/2021 14:26:38	2	53	135	0.0	0.0	33.00
14:27	0.0	6/17/2021 14:27:39	3	53	135	0.0	0.0	33.00
14:28	0.0	6/17/2021 14:28:39	3	88	90	0.1	0.1	33.00
14:29	0.0	6/17/2021 14:29:38	3	94	-36	0.1	0.0	33.00
14:30	0.0	6/17/2021 14:30:39	3	140	26	0.2	0.1	33.00
14:31	0.0	6/17/2021 14:31:38	3	82	72	0.3	0.1	33.00
14:32	0.0	6/17/2021 14:32:39	3	184	42	0.4	0.2	33.00
14:33	0.0	6/17/2021 14:33:39	3	156	83	0.6	0.4	33.01

33.00	1.001	33.00	6.1	0.977	0.02	258.62	0.996	33.01	7.8	0.02	271.69	0.46	0
33.01	1.001	33.01	6.5	0.976	0.01	258.62	0.995	33.00	8.0	0.05	271.69	0.51	0
33.00	1.001	33.01	6.5	0.975	0.02	258.62	0.997	33.00	7.6	0.02	271.69	0.51	0
33.00	1.001	33.00	6.7	0.975	0.03	258.62	0.997	33.00	8.0	0.03	271.69	0.47	0
33.00	1.001	33.00	6.5	0.975	0.04	258.62	0.996	33.00	7.8	0.04	271.69	0.47	0
33.01	1.001	33.00	6.7	0.975	0.03	258.62	0.997	33.00	7.8	0.03	271.69	0.47	0
33.00	1.001	33.00	6.3	0.977	0.05	258.62	0.995	33.00	8.0	0.01	271.69	0.49	0
33.00	1.001	32.99	6.3	0.975	0.07	258.62	0.997	33.01	7.4	0.07	271.69	0.50	0
33.00	1.001	33.00	6.3	0.976	0.02	258.62	0.996	33.01	7.4	0.11	271.69	0.48	0
33.00	1.001	33.00	6.3	0.977	0.04	258.62	0.998	33.00	8.2	0.18	271.69	0.47	0
33.00	1.002	33.00	6.7	0.976	0.58	258.62	0.997	33.00	8.2	0.12	271.69	0.48	0
33.00	1.001	33.00	6.7	0.974	0.04	258.62	0.996	33.00	7.8	0.20	271.69	0.48	0
33.00	1.001	33.00	6.5	0.976	0.01	258.62	0.996	33.00	7.8	0.01	271.69	0.50	0
33.00	1.001	33.00	6.5	0.976	0.02	258.62	0.995	33.00	8.4	0.02	271.69	0.46	0
33.00	1.001	33.00	6.9	0.975	0.04	258.62	0.997	33.00	8.0	0.04	271.69	0.46	0
32.99	1.001	33.00	6.5	0.976	0.02	258.62	0.997	33.01	8.0	0.11	271.69	0.48	0
33.00	1.002	33.00	6.5	0.975	0.01	258.62	0.996	33.00	8.0	0.18	271.69	0.50	0
33.01	1.001	33.00	6.5	0.975	0.06	258.62	0.996	33.00	8.0	0.06	271.69	0.49	0
33.00	1.002	33.00	6.3	0.975	0.02	258.62	0.996	33.00	7.4	0.10	271.69	0.47	0
33.00	1.002	33.00	6.5	0.976	0.01	258.62	0.996	33.00	7.8	0.07	271.69	0.48	0
33.00	1.002	33.00	7.1	0.974	0.02	258.62	0.997	33.00	8.6	0.02	271.69	0.46	0
33.00	1.001	33.00	6.5	0.975	0.04	258.62	0.997	33.00	8.0	0.04	271.69	0.47	0
33.00	1.001	33.01	7.1	0.974	0.06	258.62	0.997	33.00	8.2	0.01	271.69	0.47	0
33.00	1.001	33.00	6.5	0.974	0.02	258.62	1.000	33.00	7.8	0.09	271.69	0.46	0
33.00	1.001	33.00	6.5	0.975	0.06	258.62	0.996	33.00	8.0	0.06	271.69	0.47	0
33.00	1.001	33.00	6.1	0.976	0.02	258.62	0.997	33.00	7.8	0.10	271.69	0.48	0
33.00	1.001	33.01	6.7	0.974	0.03	258.62	0.996	33.00	8.2	0.03	271.69	0.50	0
33.00	1.002	33.00	6.3	0.976	0.01	258.62	0.997	33.00	7.8	0.05	271.69	0.47	0
33.00	1.001	33.00	6.3	0.976	0.08	258.62	0.997	33.00	7.8	0.08	271.69	0.48	0
33.01	1.002	33.00	6.9	0.973	0.06	258.62	0.995	33.00	7.8	0.06	271.69	0.51	0
32.99	1.001	33.00	6.5	0.974	0.09	258.62	0.998	33.00	7.8	0.02	271.69	0.51	0
33.00	1.001	33.00	6.9	0.975	0.03	258.62	0.997	33.01	8.2	0.03	271.69	0.46	0
33.01	1.001	33.00	6.7	0.975	0.05	258.62	0.997	33.00	8.2	0.05	271.69	0.48	0
33.00	1.001	33.01	6.9	0.975	0.03	258.62	0.997	33.00	8.2	0.03	271.69	0.49	0
33.00	1.001	33.00	6.3	0.976	0.01	258.62	0.995	33.00	7.6	0.01	271.69	0.47	0
33.01	1.001	33.00	6.9	0.973	0.02	258.62	0.996	33.00	7.6	0.02	271.69	0.48	0
33.00	1.001	33.01	6.9	0.973	0.03	258.62	0.998	33.01	8.0	0.13	271.69	0.47	0
32.99	1.004	31.98	5.1	0.982	0.00	0.00	0.999	31.93	6.3	0.00	0.00	0.46	50528256
33.01	1.001	33.23	5.1	0.983		258.50	0.997	33.30	6.9		271.74	0.47	0
33.00	1.001	33.31	4.5	0.984		258.51	0.998	33.41	6.5		271.75	0.48	0
33.01	1.001	33.33	4.7	0.984		258.51	0.997	33.43	6.5		271.75	0.46	0
33.00	1.001	33.33	4.7	0.984	5.21	258.51	0.997	33.42	6.5	5.21	271.75	0.47	0
33.01	1.001	33.31	5.5	0.982	0.08	258.51	0.996	33.42	6.9	0.08	271.75	0.49	0
33.00	1.001	33.30	4.9	0.984	0.06	258.51	0.997	33.40	6.5	0.06	271.75	0.49	0
33.01	1.001	33.29	5.5	0.982	0.09	258.51	0.998	33.39	6.7	0.09	271.75	0.50	0
33.00	1.001	33.27	4.9	0.982	0.03	258.51	0.995	33.37	5.7	0.03	271.75	0.47	0
33.00	1.001	33.26	5.3	0.981	0.05	258.51	0.997	33.35	6.5	0.05	271.75	0.47	0

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14:34	0.0	6/17/2021 14:34:38	3	199	146	0.8	0.5	33.00
14:35	0.0	6/17/2021 14:35:39	3	78	83	0.9	0.6	33.00
14:36	0.0	6/17/2021 14:36:38	3	139	158	1.1	0.7	33.00
14:37	0.0	6/17/2021 14:37:39	3	223	97	1.3	0.8	33.00
14:38	0.0	6/17/2021 14:38:39	3	201	127	1.4	0.9	32.99
14:39	0.0	6/17/2021 14:39:38	3	95	136	1.5	1.0	33.00
14:40	0.0	6/17/2021 14:40:39	3	220	202	1.6	1.1	33.01
14:41	0.0	6/17/2021 14:41:38	3	9534	7249	9.3	5.7	32.99
14:42	0.0	6/17/2021 14:42:39	3	18917	18940	26.3	24.5	33.00
14:43	0.0	6/17/2021 14:43:38	3	53528	50626	79.1	73.9	33.00
14:44	0.0	6/17/2021 14:44:38	3	74390	69069	143.1	133.4	33.00
14:45	0.0	6/17/2021 14:45:39	3	44309	41259	214.7	200.4	33.00
14:46	0.0	6/17/2021 14:46:39	3	3866	3566	215.8	201.3	33.00
14:47	0.0	6/17/2021 14:47:38	3	-197	-36	215.2	200.8	33.00
14:48	0.0	6/17/2021 14:48:39	3	-369	-356	214.7	200.3	33.00
14:49	0.0	6/17/2021 14:49:38	3	-90	25	214.5	200.2	33.00
14:50	0.0	6/17/2021 14:50:39	3	296	427	215.0	200.7	33.00
14:51	0.0	6/17/2021 14:51:39	3	3027	1516	217.2	202.2	33.00
14:52	0.0	6/17/2021 14:52:38	3	456	-75	217.9	202.4	33.00
14:53	0.0	6/17/2021 14:53:39	3	-377	-457	217.5	201.8	33.00
14:54	0.0	6/17/2021 14:54:38	3	-235	-331	217.2	201.5	33.00
14:55	0.0	6/17/2021 14:55:39	3	89	-2	217.3	201.5	33.01
14:56	0.0	6/17/2021 14:56:38	3	466	491	217.7	201.9	33.00
14:57	0.0	6/17/2021 14:57:38	3	147	68	217.9	202.0	33.00
14:58	0.0	6/17/2021 14:58:39	3	157	24	218.0	201.9	33.00
14:59	0.0	6/17/2021 14:59:38	4	164	243	218.2	202.2	33.00
15:00	0.0	6/17/2021 15:00:39	4	6	-28	218.2	202.1	33.00
15:01	0.0	6/17/2021 15:01:38	4	162	13	218.3	202.1	33.00
15:02	0.0	6/17/2021 15:02:38	4	-34	-104	218.3	202.1	33.00
15:03	0.0	6/17/2021 15:03:39	4	-14	-30	218.3	202.1	33.01
15:04	0.0	6/17/2021 15:04:38	4	34	30	218.3	202.0	33.00
15:05	0.0	6/17/2021 15:05:39	4	119	25	218.5	202.1	33.00
15:06	0.0	6/17/2021 15:06:38	4	128	143	218.6	202.2	33.00
15:07	0.0	6/17/2021 15:07:39	4	506	425	219.0	202.6	33.00
15:08	0.0	6/17/2021 15:08:39	4	411	333	219.4	202.9	33.00
15:09	0.0	6/17/2021 15:09:38	4	555	845	220.0	203.6	33.00
15:10	0.0	6/17/2021 15:10:39	4	843	852	220.8	204.3	33.00
15:11	0.0	6/17/2021 15:11:38	4	887	279	221.6	204.6	33.00
15:12	0.0	6/17/2021 15:12:39	4	1031	950	222.7	205.7	33.00
15:13	0.0	6/17/2021 15:13:39	4	1012	1008	223.8	206.5	33.00
15:14	0.0	6/17/2021 15:14:38	4	1254	1103	225.0	207.6	33.00
15:15	0.0	6/17/2021 15:15:39	4	1106	1056	225.9	208.4	33.01
15:16	0.0	6/17/2021 15:16:38	4	1059	1009	227.0	209.3	33.00
15:17	0.0	6/17/2021 15:17:39	4	1054	896	228.0	210.3	33.00
15:18	0.0	6/17/2021 15:18:39	4	1030	761	229.1	211.1	33.00
15:19	0.0	6/17/2021 15:19:38	4	1043	989	230.2	212.0	33.00
15:20	0.0	6/17/2021 15:20:39	4	1068	-250	231.1	212.1	33.00

33.01	1.001	33.25	5.1	0.982	0.15	258.51	0.995	33.34	6.3	0.15	271.75	0.49	0
33.00	1.001	33.23	5.5	0.981	0.05	258.51	0.997	33.32	6.5	0.01	271.75	0.50	0
33.00	1.001	33.22	5.3	0.982	0.02	258.51	0.996	33.30	6.7	0.08	271.75	0.48	0
33.00	1.001	33.20	5.3	0.981	0.13	258.51	0.997	33.28	6.3	0.03	271.75	0.47	0
33.01	1.001	33.19	4.9	0.983	0.04	258.51	0.998	33.27	6.7	0.04	271.75	0.49	0
33.00	1.001	33.18	5.5	0.98	0.03	258.51	0.998	33.25	6.5	0.14	271.75	0.48	0
33.01	1.001	33.16	5.3	0.981	0.22	258.51	0.996	33.23	6.5	0.22	271.75	0.49	0
33.00	1.002	33.15	5.3	0.981	1.65	258.50	0.996	33.21	6.5	7.69	271.74	0.51	0
33.00	1.002	33.13	5.1	0.981	12.20	258.49	0.997	33.20	6.3	12.20	271.73	0.47	0
33.01	1.002	33.11	5.3	0.98	19.38	258.46	0.997	33.18	6.7	19.38	271.70	0.46	0
33.00	1.002	33.11	6.3	0.977	13.19	258.42	0.996	33.17	7.8	13.19	271.66	0.48	0
33.00	1.001	33.09	6.5	0.974	2.24	258.38	0.997	33.14	7.8	2.24	271.62	0.49	0
32.99	1.002	33.07	6.7	0.974	0.16	258.38	0.996	33.12	7.6	0.16	271.62	0.49	0
33.00	1.001	33.06	6.9	0.972	0.11	258.38	0.996	33.11	7.4	0.11	271.62	0.46	0
33.00	1.001	33.05	7.1	0.972	0.18	258.38	0.996	33.10	7.8	0.18	271.62	0.46	0
33.00	1.001	33.04	7.1	0.972	0.06	258.38	0.997	33.08	7.6	0.28	271.62	0.48	0
33.00	1.003	33.03	7.8	0.968	0.10	258.38	0.997	33.06	8.2	0.45	271.62	0.50	0
33.00	1.001	33.02	8.8	0.966	1.42	258.38	0.997	33.05	9.0	0.30	271.62	0.48	0
33.00	1.001	33.01	8.6	0.966	0.10	258.38	0.997	33.03	9.0	0.10	271.62	0.46	0
33.00	1.001	33.00	9.0	0.964	0.16	258.38	0.997	33.03	8.8	0.04	271.62	0.48	0
33.00	1.001	33.00	8.8	0.964	0.06	258.38	0.997	33.01	8.8	0.06	271.62	0.46	0
33.00	1.001	33.00	8.8	0.963	0.09	258.38	0.996	33.01	8.6	0.02	271.62	0.46	0
33.00	1.001	33.01	9.0	0.962	0.06	258.38	0.996	33.01	8.2	0.28	271.62	0.46	0
33.00	1.001	33.01	9.0	0.962	0.02	258.38	0.997	33.01	8.8	0.10	271.62	0.46	0
32.99	1.001	33.00	9.0	0.962	0.15	258.38	0.995	33.00	8.6	0.15	271.62	0.46	0
32.99	1.002	33.00	9.2	0.962	0.05	258.38	0.997	33.00	9.0	0.05	271.62	0.50	0
33.00	1.001	33.00	9.6	0.961	0.08	258.38	0.997	33.00	9.0	0.08	271.62	0.47	0
33.00	1.001	33.00	9.2	0.961	0.06	258.38	0.997	33.00	8.4	0.06	271.62	0.47	0
33.00	1.001	33.00	9.2	0.962	0.02	258.38	0.997	33.00	9.2	0.09	271.62	0.49	0
33.00	1.001	33.00	9.4	0.962	0.03	258.38	0.996	33.01	9.0	0.03	271.62	0.50	0
33.00	1.001	33.00	9.6	0.961	0.05	258.38	0.996	33.00	9.6	0.05	271.62	0.50	0
33.00	1.001	33.00	9.0	0.962	0.08	258.38	0.997	33.01	9.2	0.02	271.62	0.51	0
33.01	1.001	33.00	9.6	0.961	0.01	258.38	0.996	33.01	9.4	0.01	271.62	0.47	0
33.00	1.002	33.00	9.6	0.96	0.08	258.38	0.997	33.00	9.4	0.08	271.62	0.47	0
33.00	1.001	33.00	9.6	0.96	0.13	258.38	0.998	33.01	9.4	0.13	271.62	0.48	0
33.01	1.001	33.00	10.2	0.958	0.04	258.38	0.997	33.00	9.2	0.21	271.62	0.48	0
33.00	1.001	33.01	9.6	0.96	0.33	258.38	0.998	33.00	9.4	0.33	271.62	0.47	0
33.00	1.001	33.00	9.6	0.958	0.22	258.38	0.996	33.00	9.2	0.22	271.62	0.48	0
33.00	1.001	33.00	9.6	0.96	0.36	258.38	0.996	33.01	9.6	0.08	271.62	0.49	0
33.00	1.001	33.00	10.2	0.957	0.57	258.38	0.997	33.00	9.4	0.12	271.62	0.48	0
33.00	1.001	33.00	10.2	0.958	0.19	258.37	0.997	33.00	10.0	0.19	271.61	0.46	0
33.00	1.001	33.00	9.8	0.958	0.13	258.37	0.997	33.00	9.4	0.13	271.61	0.48	0
33.01	1.001	33.01	9.8	0.958	0.21	258.37	0.995	33.00	9.4	0.21	271.61	0.48	0
33.00	1.001	33.00	10.2	0.956	0.33	258.37	0.997	33.01	9.6	0.07	271.61	0.51	0
33.01	1.001	33.00	10.8	0.955	0.52	258.37	0.996	33.00	10.0	0.11	271.61	0.48	0
33.00	1.001	33.00	10.4	0.957	0.18	258.37	0.997	33.00	10.0	0.83	271.61	0.49	0
33.00	1.001	33.00	10.4	0.957	0.57	258.37	0.995	33.00	10.4	0.57	271.61	0.48	0

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0.036	0.038		0.039	0.041
0.018	0.019		0.020	0.021
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0.056	0.012		0.035	0.015
0.015	0.017		0.028	0.014
0.012	0.012		0.016	0.017
0.020	0.021		0.021	0.017
0.031			0.034	0.021
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0.053			0.029	0.087

15:21	0.0	6/17/2021 15:21:38	4	1234	1033	232.4	213.3	33.01
15:22	0.0	6/17/2021 15:22:39	4	1288	1061	233.6	214.3	33.00
15:23	0.0	6/17/2021 15:23:38	4	1068	1062	234.7	215.5	33.00
15:24	0.0	6/17/2021 15:24:38	4	1113	1029	235.7	216.4	33.01
15:25	0.0	6/17/2021 15:25:39	4	1391	730	237.0	217.3	32.99
15:26	0.0	6/17/2021 15:26:38	4	1111	1070	238.0	218.3	32.99
15:27	0.0	6/17/2021 15:27:39	4	977	947	239.0	219.3	33.00
15:28	0.0	6/17/2021 15:28:38	4	1292	918	240.3	220.3	32.99
15:29	0.0	6/17/2021 15:29:38	4	1138	885	241.3	221.2	33.01
15:30	0.0	6/17/2021 15:30:39	4	1348	1294	242.7	222.6	33.00
15:31	0.0	6/17/2021 15:31:38	4	1566	1338	244.1	223.9	33.00
15:32	0.0	6/17/2021 15:32:39	4	1641	1620	245.6	225.3	33.00
15:33	0.0	6/17/2021 15:33:38	4	1974	1728	247.4	227.0	33.00
15:34	0.0	6/17/2021 15:34:39	4	2190	1571	249.6	228.7	33.00
15:35	0.0	6/17/2021 15:35:39	4	2835	2785	251.9	231.2	33.00
15:36	0.0	6/17/2021 15:36:38	4	4152	3310	255.9	234.8	33.01
15:37	0.0	6/17/2021 15:37:39	4	4399	4407	260.7	239.7	33.01
15:38	0.0	6/17/2021 15:38:38	4	2781	2293	263.6	242.2	33.00
15:39	0.0	6/17/2021 15:39:38	4	1606	1374	264.8	243.4	33.00
15:40	0.0	6/17/2021 15:40:39	4	1616	1310	266.4	244.7	33.00
15:41	0.0	6/17/2021 15:41:38	4	1449	1372	267.7	246.1	33.00
15:42	0.0	6/17/2021 15:42:39	4	1328	1221	268.9	247.2	33.00
15:43	0.0	6/17/2021 15:43:38	4	1067	861	270.0	248.1	33.00
15:44	0.0	6/17/2021 15:44:38	4	1070	959	270.9	249.0	33.00
15:45	0.0	6/17/2021 15:45:39	4	528	562	271.6	249.6	33.00
15:46	0.0	6/17/2021 15:46:38	4	554	323	272.2	250.1	33.01
15:47	0.0	6/17/2021 15:47:38	4	376	428	272.5	250.4	33.01
15:48	0.0	6/17/2021 15:48:39	4	382	40	272.8	250.5	33.00
15:49	0.0	6/17/2021 15:49:38	4	365	407	273.2	251.1	33.00
15:50	0.0	6/17/2021 15:50:39	4	302	267	273.5	251.4	33.00
15:51	0.0	6/17/2021 15:51:38	4	346	165	273.8	251.6	33.01
15:52	0.0	6/17/2021 15:52:38	4	440	339	274.1	251.9	33.00
15:53	0.0	6/17/2021 15:53:39	4	330	438	274.5	252.4	33.00
15:54	0.0	6/17/2021 15:54:38	4	467	568	275.0	252.8	32.99
15:55	0.0	6/17/2021 15:55:39	4	505	471	275.6	253.3	33.00
15:56	0.0	6/17/2021 15:56:38	4	425	439	276.0	253.7	33.00
15:57	0.0	6/17/2021 15:57:38	4	567	490	276.6	254.2	33.00
15:58	0.0	6/17/2021 15:58:39	4	403	348	276.9	254.5	33.00
15:59	0.0	6/17/2021 15:59:38	4	355	278	277.2	254.9	33.00
16:00	0.0	6/17/2021 16:00:39	4	382	256	277.5	255.1	33.00
16:01	0.0	6/17/2021 16:01:38	4	299	234	277.8	255.4	33.00
16:02	0.0	6/17/2021 16:02:39	4	-90	2	277.8	255.4	33.01
16:03	0.0	6/17/2021 16:03:39	4	-155	-44	277.7	255.4	33.01
16:04	0.0	6/17/2021 16:04:38	4	-2	-98	277.7	255.3	33.00
16:05	0.0	6/17/2021 16:05:39	4	14	374	277.7	255.5	33.01
16:06	0.0	6/17/2021 16:06:38	4	-23	37	277.7	255.4	32.99
16:07	0.0	6/17/2021 16:07:39	4	17	-105	277.7	255.5	33.00

33.00	1.001	33.00	10.4	0.955	0.19	258.37	0.996	33.00	9.8	0.90	271.61	0.49	0
33.00	1.001	33.00	10.6	0.955	0.31	258.37	0.996	33.00	10.0	0.31	271.61	0.47	0
32.99	1.001	33.00	11.0	0.954	0.49	258.37	0.995	33.00	9.8	0.49	271.61	0.47	0
33.01	1.002	33.01	10.8	0.955	0.07	258.37	0.997	33.01	10.2	0.33	271.61	0.48	0
32.99	1.001	32.99	10.6	0.955	0.11	258.37	0.996	32.99	10.2	0.53	271.61	0.48	0
32.99	1.001	32.99	10.6	0.954	0.18	258.37	0.998	32.99	9.6	0.83	271.61	0.46	0
33.00	1.002	32.99	10.8	0.955	0.28	258.37	0.997	33.00	10.2	0.28	271.61	0.48	0
32.99	1.001	33.00	10.2	0.955	0.10	258.37	0.995	33.00	9.8	0.45	271.61	0.48	0
33.02	1.001	33.00	10.8	0.954	0.31	258.37	0.995	33.01	9.8	0.31	271.61	0.49	0
33.01	1.001	33.01	10.8	0.955	0.10	258.36	0.996	33.01	10.6	0.10	271.61	0.47	0
33.00	1.001	33.00	11.2	0.953	0.17	258.36	0.996	33.01	10.4	0.17	271.60	0.49	0
33.01	1.001	33.01	10.4	0.955	0.26	258.36	0.997	33.00	9.8	0.26	271.60	0.50	0
32.99	1.002	33.00	10.8	0.953	0.42	258.36	0.996	33.00	9.8	0.42	271.60	0.49	0
33.00	1.001	33.00	11.2	0.953	0.66	258.36	0.996	33.01	10.6	0.66	271.60	0.46	0
33.00	1.001	33.00	11.0	0.953	0.45	258.36	0.996	33.00	10.2	0.45	271.60	0.48	0
33.01	1.001	33.01	11.0	0.952	0.72	258.36	0.997	33.01	10.4	0.72	271.60	0.48	0
33.00	1.002	33.00	10.8	0.952	1.14	258.35	0.997	33.00	9.8	1.14	271.59	0.51	0
33.00	1.002	33.00	11.2	0.953	0.39	258.35	0.996	33.00	10.6	0.39	271.59	0.50	0
33.01	1.001	33.00	11.6	0.951	0.26	258.35	0.997	33.00	10.6	0.26	271.59	0.50	0
33.00	1.001	33.00	11.6	0.949	0.42	258.35	0.997	33.00	10.2	0.42	271.59	0.50	0
33.01	1.001	33.00	11.6	0.951	0.14	258.35	0.996	33.00	11.2	0.14	271.59	0.47	0
33.00	1.001	33.00	11.6	0.949	0.23	258.35	0.997	33.00	10.4	0.23	271.59	0.50	0
33.00	1.002	33.00	11.0	0.951	0.36	258.35	0.996	33.00	10.2	0.36	271.59	0.48	0
33.00	1.002	33.00	11.2	0.951	0.24	258.35	0.996	33.01	10.2	0.24	271.59	0.51	0
33.00	1.002	33.00	11.4	0.951	0.19	258.35	0.997	33.00	10.8	0.19	271.59	0.46	0
32.99	1.002	33.00	11.8	0.948	0.31	258.35	0.996	33.00	10.4	0.07	271.59	0.46	0
33.00	1.002	33.00	12.0	0.949	0.05	258.35	0.996	33.00	10.8	0.21	271.59	0.51	0
33.00	1.002	33.00	11.8	0.948	0.07	258.35	0.997	33.00	10.2	0.33	271.59	0.50	0
33.01	1.001	33.00	11.2	0.951	0.11	258.35	0.996	33.00	10.2	0.11	271.59	0.49	0
33.00	1.001	33.00	11.6	0.951	0.04	258.35	0.996	33.00	10.8	0.04	271.59	0.47	0
33.01	1.001	33.00	12.0	0.949	0.06	258.35	0.998	33.00	10.8	0.06	271.59	0.48	0
33.00	1.001	33.00	11.2	0.951	0.19	258.35	0.997	33.01	10.2	0.19	271.59	0.48	0
33.00	1.001	33.00	12.3	0.948	0.07	258.35	0.994	33.00	10.6	0.07	271.59	0.50	0
33.00	1.001	33.00	12.0	0.949	0.11	258.35	0.998	33.00	10.8	0.11	271.59	0.46	0
33.00	1.002	33.00	11.6	0.951	0.17	258.34	0.997	33.00	11.0	0.17	271.59	0.50	0
33.00	1.001	33.01	12.0	0.949	0.02	258.34	0.994	33.00	10.8	0.11	271.59	0.47	0
33.00	1.001	33.01	11.4	0.95	0.04	258.34	0.997	33.00	10.8	0.18	271.59	0.47	0
33.00	1.001	33.00	11.8	0.948	0.29	258.34	0.997	33.00	10.4	0.06	271.58	0.46	0
33.00	1.001	33.00	11.2	0.951	0.02	258.34	0.999	33.00	10.8	0.10	271.58	0.46	0
33.00	1.002	33.00	12.0	0.949	0.15	258.34	0.997	33.00	10.6	0.03	271.58	0.47	0
33.00	1.001	33.00	11.2	0.951	0.11	258.34	0.997	33.00	10.6	0.11	271.58	0.48	0
33.00	1.001	33.00	12.0	0.949	0.04	258.34	0.995	33.01	10.8	0.04	271.58	0.47	0
33.00	1.001	33.00	11.4	0.951	0.06	258.34	0.997	33.00	10.6	0.01	271.58	0.46	0
33.00	1.001	33.00	11.8	0.949	0.02	258.34	0.997	33.00	10.8	0.09	271.58	0.50	0
33.00	1.002	33.00	11.4	0.951	0.01	258.34	0.995	33.00	11.0	0.67	271.58	0.51	0
33.01	1.001	33.00	11.4	0.95	0.00	258.34	0.996	33.01	10.4	0.46	271.58	0.48	0
33.00	1.001	33.01	11.6	0.949	0.03	258.34	0.997	33.00	10.6	0.16	271.58	0.49	0

0.016	0.087		0.031	0.058
0.024	0.029		0.028	0.054
0.046	0.046		0.025	0.036
0.006	0.032		0.020	0.039
0.008			0.010	0.055
0.016	0.078		0.012	0.078
			0.012	0.078
0.007			0.017	#DIV/0!
0.027			0.014	0.008
0.008	0.008		0.015	0.010
0.011	0.012		0.011	0.012
0.016	0.016		0.016	0.018
0.021	0.024		0.023	0.028
0.030	0.042		0.022	0.028
0.016	0.016		0.021	0.027
0.017	0.022		0.020	0.021
0.026	0.026		0.019	0.021
0.014	0.017		0.019	0.021
0.016	0.019		0.019	0.023
0.026	0.032		0.017	0.021
0.010	0.010		0.018	0.020
0.017	0.019		0.020	0.014
0.034			0.025	0.019
0.023			0.028	#DIV/0!
			0.023	#DIV/0!
		#DIV/0!		#DIV/0!
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		#DIV/0!		#DIV/0!
		#DIV/0!		#DIV/0!

16:08	0.0	6/17/2021 16:08:38	4	-15	-29	277.6	255.2	33.00
16:09	0.0	6/17/2021 16:09:38	4	-58	160	277.6	255.4	33.00
16:10	0.0	6/17/2021 16:10:39	4	-33	-436	277.5	255.0	33.00
16:11	0.0	6/17/2021 16:11:39	4	-47	-11	277.4	255.1	33.01
16:12	0.0	6/17/2021 16:12:38	4	-84	-348	277.4	255.0	33.01
16:13	0.0	6/17/2021 16:13:39	4	-73	-70	277.3	255.1	33.00
16:14	0.0	6/17/2021 16:14:39	4	-27	-81	277.3	255.2	33.01
16:15	0.0	6/17/2021 16:15:38	4	-107	-198	277.2	255.0	33.00
16:16	0.0	6/17/2021 16:16:39	4	-54	-191	277.1	254.9	32.99
16:17	0.0	6/17/2021 16:17:38	4	-21	262	277.1	255.1	33.01
16:18	0.0	6/17/2021 16:18:39	4	27	8	277.1	255.1	33.01
16:19	0.0	6/17/2021 16:19:38	4	3	18	277.1	255.1	33.01
16:20	0.0	6/17/2021 16:20:38	4	23	157	277.1	255.2	33.00
16:21	0.0	6/17/2021 16:21:39	4	72	136	277.2	255.2	33.00
16:22	0.0	6/17/2021 16:22:38	4	147	208	277.4	255.4	33.01
16:23	0.0	6/17/2021 16:23:39	4	58	-65	277.5	255.4	33.00
16:24	0.0	6/17/2021 16:24:38	4	-87	-17	277.4	255.4	33.00
16:25	0.0	6/17/2021 16:25:38	4	-96	-121	277.3	255.3	33.00
16:26	0.0	6/17/2021 16:26:39	4	-48	-12	277.2	255.3	33.00
16:27	0.0	6/17/2021 16:27:38	4	-99	-213	277.2	255.2	33.00
16:28	0.0	6/17/2021 16:28:39	4	-124	-112	277.1	255.2	33.00
16:29	0.0	6/17/2021 16:29:38	4	-210	-376	276.9	254.9	33.00
16:30	0.0	6/17/2021 16:30:38	4	-214	-79	276.7	254.9	33.00
16:31	0.0	6/17/2021 16:31:39	4	-80	-18	276.6	254.8	33.00
16:32	0.0	6/17/2021 16:32:38	4	-13	-54	276.6	254.7	33.00
16:33	0.0	6/17/2021 16:33:38	4	-152	256	276.5	254.9	33.00
16:34	0.0	6/17/2021 16:34:39	4	-203	-124	276.3	254.6	33.00
16:35	0.0	6/17/2021 16:35:38	4	-213	-698	276.2	254.1	33.00
16:36	0.0	6/17/2021 16:36:38	4	-119	-291	276.0	254.0	33.00
16:37	0.0	6/17/2021 16:37:39	4	-232	55	275.8	254.0	33.00
16:38	0.0	6/17/2021 16:38:38	4	-60	119	275.7	254.2	33.00
16:39	0.0	6/17/2021 16:39:39	4	-138	89	275.6	254.2	33.00
16:40	0.0	6/17/2021 16:40:38	4	-78	-432	275.5	253.7	33.00
16:41	0.0	6/17/2021 16:41:38	4	-156	-136	275.3	253.7	33.00
16:42	0.0	6/17/2021 16:42:39	4	-161	-100	275.2	253.6	33.00
16:43	0.0	6/17/2021 16:43:38	4	-48	-43	275.1	253.5	33.00
16:44	0.0	6/17/2021 16:44:39	4	-151	-163	275.0	253.4	33.01
16:45	0.0	6/17/2021 16:45:38	4	-79	-93	274.8	253.3	33.00
16:46	0.0	6/17/2021 16:46:39	4	-79	-1	274.7	253.2	33.00
16:47	0.0	6/17/2021 16:47:38	4	-98	-134	274.5	253.0	33.00
16:48	0.0	6/17/2021 16:48:39	4	-193	-144	274.3	252.9	33.00
16:49	0.0	6/17/2021 16:49:38	4	-131	-40	274.2	252.8	33.00
16:50	0.0	6/17/2021 16:50:38	4	-139	-174	274.1	252.7	33.00
16:51	0.0	6/17/2021 16:51:39	4	-96	-86	274.0	252.6	33.01
16:52	0.0	6/17/2021 16:52:38	4	-106	-159	273.9	252.5	33.00
16:53	0.0	6/17/2021 16:53:39	4	-144	-58	273.8	252.5	33.00
16:54	0.0	6/17/2021 16:54:38	4	-105	25	273.7	252.4	33.00

32.99	1.001	33.00	12.0	0.949	0.05	258.34	0.995	33.00	11.2	0.25	271.58	0.48	0
33.00	1.002	33.00	11.4	0.951	0.02	258.34	0.997	33.00	11.0	0.39	271.58	0.49	0
33.00	1.001	33.00	11.6	0.948	0.03	258.34	0.997	33.00	10.6	0.13	271.58	0.46	0
33.00	1.001	33.00	12.3	0.948	0.09	258.34	0.998	33.00	11.2	0.09	271.58	0.51	0
33.01	1.001	33.01	11.6	0.951	0.03	258.34	0.997	33.00	11.0	0.67	271.58	0.50	0
33.01	1.001	33.00	12.3	0.948	0.05	258.34	0.995	33.00	10.8	0.05	271.58	0.48	0
33.00	1.001	33.00	11.8	0.948	0.02	258.34	0.997	33.00	10.6	0.36	271.58	0.46	0
32.99	1.001	33.00	11.8	0.949	0.05	258.34	0.999	33.00	10.6	0.05	271.58	0.47	0
33.00	1.001	33.00	11.6	0.949	0.02	258.34	0.997	33.01	11.0	0.39	271.58	0.46	0
33.00	1.001	33.00	11.6	0.949	0.03	258.34	0.997	33.00	10.8	0.13	271.58	0.46	0
33.00	1.002	33.00	11.6	0.949	0.05	258.34	0.998	33.00	10.6	0.05	271.58	0.46	0
33.00	1.001	33.00	11.6	0.949	0.07	258.34	0.997	33.00	10.8	0.07	271.58	0.46	0
33.00	1.001	33.00	11.4	0.951	0.05	258.34	0.997	33.00	11.0	0.23	271.58	0.48	0
33.00	1.001	33.00	12.3	0.948	0.08	258.34	0.996	33.00	10.8	0.08	271.58	0.47	0
33.00	1.001	33.00	11.6	0.949	0.12	258.34	0.997	33.00	10.6	0.12	271.58	0.46	0
33.00	1.001	33.00	11.4	0.951	0.04	258.34	0.995	33.00	10.8	0.04	271.58	0.46	0
32.99	1.001	33.00	12.3	0.948	0.07	258.34	0.998	33.00	11.0	0.07	271.58	0.46	0
33.00	1.002	33.00	11.6	0.949	0.05	258.34	0.998	33.00	10.8	0.05	271.58	0.50	0
33.00	1.001	33.00	12.0	0.948	0.07	258.34	0.996	33.00	11.0	0.02	271.58	0.46	0
33.01	1.001	33.00	12.0	0.949	0.11	258.34	0.997	33.00	11.2	0.11	271.58	0.48	0
33.01	1.001	33.01	12.0	0.949	0.04	258.34	0.997	33.00	11.2	0.18	271.58	0.49	0
33.00	1.002	33.00	11.6	0.948	0.12	258.34	0.997	33.00	10.4	0.12	271.58	0.49	0
33.01	1.001	33.00	11.2	0.95	0.20	258.34	0.997	33.00	10.6	0.20	271.58	0.46	0
33.01	1.000	33.01	12.0	0.949	0.01	258.34	0.997	33.00	10.8	0.31	271.58	0.46	0
33.00	1.002	33.00	12.3	0.948	0.02	258.34	0.996	33.00	11.2	0.11	271.58	0.47	0
32.99	1.001	33.00	11.8	0.949	0.04	258.34	0.997	33.00	10.4	0.17	271.58	0.46	0
33.00	1.001	33.00	12.0	0.948	0.06	258.34	0.997	33.00	11.0	0.06	271.58	0.48	0
33.00	1.002	32.99	11.4	0.95	0.18	258.34	0.996	33.00	10.6	0.18	271.59	0.48	0
33.00	1.001	33.00	11.2	0.951	0.06	258.34	0.997	33.00	10.4	0.29	271.59	0.48	0
33.00	1.001	33.00	11.6	0.949	0.02	258.34	0.997	33.00	10.6	0.10	271.59	0.50	0
33.00	1.001	33.00	11.8	0.948	0.03	258.34	0.997	33.00	11.0	0.73	271.59	0.46	0
33.00	1.001	33.00	11.4	0.951	0.05	258.34	0.997	33.00	10.8	0.25	271.59	0.46	0
33.00	1.002	33.00	11.8	0.948	0.01	258.35	0.995	33.00	10.8	0.79	271.59	0.48	0
33.01	1.002	33.00	11.2	0.951	0.06	258.35	0.997	33.00	10.8	0.06	271.59	0.48	0
33.00	1.002	33.00	11.6	0.95	0.02	258.35	0.998	33.00	10.6	0.09	271.59	0.48	0
33.00	1.002	33.01	11.8	0.949	0.03	258.35	0.996	33.00	10.6	0.03	271.59	0.51	0
33.01	1.002	33.00	12.0	0.949	0.10	258.35	0.997	33.00	11.2	0.10	271.59	0.50	0
33.00	1.002	33.00	11.4	0.95	0.08	258.35	0.998	33.00	10.4	0.08	271.59	0.47	0
33.00	1.001	33.00	11.6	0.949	0.05	258.35	0.997	33.00	10.6	0.25	271.59	0.50	0
33.00	1.001	33.00	12.0	0.948	0.02	258.35	0.997	33.01	10.8	0.08	271.59	0.47	0
33.00	1.001	33.00	12.0	0.949	0.13	258.35	0.997	33.00	10.6	0.13	271.59	0.48	0
33.00	1.001	33.00	11.8	0.949	0.05	258.35	0.998	33.01	10.6	0.05	271.59	0.48	0
32.99	1.001	33.00	11.6	0.95	0.15	258.35	0.996	33.00	10.6	0.15	271.59	0.48	0
33.00	1.001	33.00	11.4	0.95	0.05	258.35	0.997	33.00	10.6	0.05	271.59	0.50	0
33.00	1.001	33.00	12.0	0.948	0.02	258.35	0.997	33.00	10.6	0.08	271.59	0.49	0
33.00	1.001	33.00	11.8	0.949	0.13	258.35	0.997	33.00	10.6	0.13	271.59	0.48	0
33.00	1.002	33.00	11.8	0.948	0.04	258.35	0.996	33.00	10.6	0.20	271.59	0.51	0

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16:55	0.0	6/17/2021 16:55:38	4	-178	-4	273.5	252.4	33.00
16:56	0.0	6/17/2021 16:56:39	4	-158	-144	273.4	252.3	33.00
16:57	0.0	6/17/2021 16:57:38	4	-87	-102	273.3	252.1	33.00
16:58	0.0	6/17/2021 16:58:39	4	-93	44	273.2	252.0	33.00
16:59	0.0	6/17/2021 16:59:38	4	-80	-117	273.1	251.9	33.00
17:00	0.0	6/17/2021 17:00:38	4	-91	-31	273.0	251.8	33.01
17:01	0.0	6/17/2021 17:01:39	4	-38	-8	273.0	251.8	33.00
17:02	0.0	6/17/2021 17:02:38	4	-87	-120	272.9	251.7	33.00
17:03	0.0	6/17/2021 17:03:38	4	-11	6	272.8	251.7	33.01
17:04	0.0	6/17/2021 17:04:39	4	-24	38	272.8	251.7	33.00
17:05	0.0	6/17/2021 17:05:38	4	-37	28	272.8	251.7	33.01
17:06	0.0	6/17/2021 17:06:38	4	-75	-45	272.7	251.6	33.00
17:07	0.0	6/17/2021 17:07:39	4	-86	-155	272.6	251.5	33.00
17:08	0.0	6/17/2021 17:08:38	4	-37	551	272.6	252.0	33.00
17:09	0.0	6/17/2021 17:09:39	4	-29	-249	272.6	251.5	33.00
17:10	0.0	6/17/2021 17:10:38	4	-31	-43	272.5	251.5	33.00
17:11	0.0	6/17/2021 17:11:38	4	-83	64	272.4	251.6	33.00
17:12	0.0	6/17/2021 17:12:39	4	13	-50	272.4	251.6	33.01
17:13	0.0	6/17/2021 17:13:38	4	57	253	272.5	251.7	33.00
17:14	0.0	6/17/2021 17:14:39	4	-49	4	272.4	251.6	33.00
17:15	0.0	6/17/2021 17:15:38	4	25	-111	272.5	251.5	33.00
17:16	0.0	6/17/2021 17:16:38	4	64	136	272.5	251.5	33.00
17:17	0.0	6/17/2021 17:17:39	4	150	184	272.7	251.8	33.00
17:18	0.0	6/17/2021 17:18:38	4	126	402	272.8	251.9	33.00
17:19	0.0	6/17/2021 17:19:39	4	267	69	273.0	252.0	33.01
17:20	0.0	6/17/2021 17:20:38	4	210	408	273.1	252.3	33.00
17:21	0.0	6/17/2021 17:21:38	4	168	-163	273.3	252.4	33.00
17:22	0.0	6/17/2021 17:22:39	4	258	782	273.5	253.1	33.00
17:23	0.0	6/17/2021 17:23:39	4	173	-80	273.8	252.9	33.00
17:24	0.0	6/17/2021 17:24:38	4	318	241	274.0	253.1	33.00
17:25	0.0	6/17/2021 17:25:39	4	323	350	274.3	253.4	33.00
17:26	0.0	6/17/2021 17:26:38	4	206	244	274.5	253.7	33.00
17:27	0.0	6/17/2021 17:27:38	4	297	228	274.8	253.9	33.00
17:28	0.0	6/17/2021 17:28:39	4	416	296	275.2	254.2	33.00
17:29	0.0	6/17/2021 17:29:38	4	240	-128	275.4	254.2	33.00
17:30	0.0	6/17/2021 17:30:39	4	285	390	275.7	254.8	33.00
17:31	0.0	6/17/2021 17:31:38	4	345	291	276.0	255.1	33.00
17:32	0.0	6/17/2021 17:32:38	4	357	239	276.4	255.4	33.00
17:33	0.0	6/17/2021 17:33:39	4	325	362	276.6	255.7	33.00
17:34	0.0	6/17/2021 17:34:38	4	287	255	276.9	256.0	33.00
17:35	0.0	6/17/2021 17:35:39	4	322	291	277.3	256.3	33.00
17:36	0.0	6/17/2021 17:36:38	4	337	319	277.7	256.7	33.00
17:37	0.0	6/17/2021 17:37:39	4	372	266	278.0	257.0	33.00
17:38	0.0	6/17/2021 17:38:39	4	282	394	278.3	257.3	33.00
17:39	0.0	6/17/2021 17:39:38	4	376	336	278.7	257.7	33.00
17:40	0.0	6/17/2021 17:40:39	4	376	383	279.1	258.0	33.00
17:41	0.0	6/17/2021 17:41:38	4	418	389	279.4	258.4	33.00

33.00	1.001	33.00	11.2	0.95	0.03	258.35	0.996	33.00	10.6	0.14	271.59	0.49	0
33.01	1.001	33.00	11.6	0.948	0.05	258.35	0.997	33.00	10.2	0.21	271.59	0.48	0
33.00	1.001	33.00	11.4	0.949	0.07	258.35	0.994	33.00	10.4	0.07	271.59	0.46	0
33.00	1.001	33.00	11.6	0.949	0.02	258.35	0.995	33.01	10.4	0.12	271.59	0.46	0
33.00	1.001	33.00	11.8	0.948	0.04	258.35	0.996	33.00	10.4	0.18	271.59	0.49	0
33.01	1.001	33.00	11.8	0.948	0.03	258.35	0.996	33.00	10.6	0.13	271.59	0.51	0
33.00	1.001	33.00	11.8	0.948	0.04	258.35	0.997	33.00	10.6	0.20	271.59	0.49	0
33.00	1.001	33.00	12.0	0.948	0.07	258.35	0.998	33.00	11.2	0.07	271.59	0.46	0
33.00	1.001	33.01	11.4	0.948	0.02	258.35	0.999	33.01	10.2	0.11	271.59	0.48	0
33.00	1.001	33.00	11.4	0.951	0.04	258.35	0.997	33.00	11.0	0.04	271.59	0.46	0
33.00	1.001	33.00	11.8	0.948	0.02	258.35	0.996	33.01	10.4	0.12	271.59	0.46	0
33.01	1.001	33.00	11.8	0.948	0.04	258.35	0.999	33.00	10.4	0.04	271.59	0.50	0
33.00	1.001	33.00	11.4	0.951	0.01	258.35	0.996	33.00	10.6	0.29	271.59	0.48	0
33.00	1.001	33.00	11.6	0.95	0.02	258.35	0.996	33.00	11.0	0.10	271.59	0.49	0
33.00	1.001	33.00	11.6	0.949	0.03	258.35	0.996	33.00	10.4	0.16	271.59	0.48	0
33.00	1.001	33.00	11.8	0.949	0.02	258.35	0.997	33.00	10.6	0.02	271.59	0.50	0
33.00	1.001	33.00	11.4	0.95	0.04	258.35	0.997	33.00	10.6	0.04	271.59	0.51	0
33.00	1.001	33.00	12.0	0.948	0.06	258.35	0.997	33.00	10.6	0.27	271.59	0.50	0
33.00	1.002	33.00	11.6	0.949	0.02	258.35	0.996	33.00	11.0	0.09	271.59	0.46	0
33.00	1.002	33.00	11.6	0.948	0.03	258.35	0.995	33.00	10.4	0.15	271.59	0.48	0
33.00	1.001	33.01	11.6	0.949	0.02	258.35	0.997	33.01	10.8	0.10	271.59	0.46	0
33.00	1.002	33.00	11.4	0.949	0.03	258.35	0.997	33.00	10.6	0.16	271.59	0.46	0
33.00	1.001	33.00	11.4	0.949	0.01	258.35	0.996	33.00	10.2	0.05	271.59	0.47	0
33.00	1.001	33.00	11.8	0.949	0.02	258.35	0.997	32.99	11.0	0.09	271.59	0.46	0
33.00	1.002	33.00	11.6	0.949	0.06	258.35	0.997	33.00	10.8	0.01	271.59	0.50	0
32.99	1.002	33.00	11.6	0.95	0.09	258.35	0.997	33.00	10.8	0.09	271.59	0.46	0
33.00	1.001	33.00	11.6	0.949	0.03	258.35	0.997	33.00	10.6	0.69	271.59	0.50	0
33.00	1.001	33.00	11.4	0.949	0.05	258.35	0.996	33.00	10.4	0.23	271.59	0.49	0
33.00	1.004	33.00	12.0	0.948	0.02	258.35	0.997	33.00	10.8	0.08	271.59	0.46	0
33.00	1.001	33.00	11.8	0.948	0.05	258.35	0.998	33.00	10.4	0.25	271.59	0.47	0
33.00	1.001	33.00	12.0	0.948	0.09	258.35	0.997	33.00	11.0	0.40	271.59	0.46	0
33.00	1.001	33.00	12.0	0.948	0.14	258.35	0.997	33.00	11.0	0.14	271.59	0.46	0
33.00	1.001	33.00	11.4	0.948	0.05	258.35	0.997	33.00	10.2	0.05	271.59	0.48	0
33.00	1.002	33.00	11.8	0.948	0.07	258.35	0.996	33.00	10.4	0.07	271.59	0.50	0
33.00	1.001	33.00	12.3	0.946	0.05	258.35	0.998	33.00	10.8	0.05	271.59	0.50	0
33.00	1.001	33.00	11.6	0.949	0.08	258.34	0.995	33.00	10.8	0.08	271.58	0.46	0
33.01	1.001	33.00	11.8	0.948	0.03	258.34	0.996	33.00	10.8	0.13	271.58	0.46	0
33.00	1.001	33.01	11.8	0.949	0.04	258.34	0.995	33.00	10.8	0.04	271.58	0.51	0
33.00	1.001	33.00	11.6	0.948	0.03	258.34	0.997	33.00	10.6	0.14	271.58	0.51	0
33.00	1.001	33.00	11.8	0.949	0.05	258.34	0.997	33.00	11.2	0.05	271.58	0.46	0
33.00	1.001	33.01	11.8	0.948	0.07	258.34	0.997	33.01	10.6	0.07	271.58	0.46	0
33.00	1.001	33.00	11.6	0.948	0.12	258.34	0.997	33.00	10.4	0.12	271.58	0.50	0
33.00	1.002	33.00	11.8	0.947	0.04	258.34	0.997	33.00	10.2	0.04	271.58	0.46	0
33.00	1.001	33.00	12.0	0.947	0.13	258.34	0.997	33.00	10.6	0.13	271.58	0.47	0
33.00	1.001	33.00	12.0	0.948	0.20	258.34	0.997	33.00	10.8	0.20	271.58	0.46	0
32.99	1.001	33.00	11.6	0.948	0.07	258.34	0.995	33.01	10.8	0.32	271.58	0.46	0
33.00	1.001	33.00	12.0	0.946	0.11	258.34	0.996	33.01	10.6	0.51	271.58	0.47	0

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17:42	0.0	6/17/2021 17:42:39	4	403	206	279.8	258.7	33.00
17:43	0.0	6/17/2021 17:43:39	4	309	667	280.2	259.3	33.00
17:44	0.0	6/17/2021 17:44:38	4	364	172	280.6	259.3	33.00
17:45	0.0	6/17/2021 17:45:39	4	410	260	281.0	259.8	33.00
17:46	0.0	6/17/2021 17:46:38	4	343	481	281.3	260.1	33.00
17:47	0.0	6/17/2021 17:47:39	4	383	742	281.7	261.0	33.00
17:48	0.0	6/17/2021 17:48:38	4	267	142	281.9	260.8	33.00
17:49	0.0	6/17/2021 17:49:38	4	368	586	282.4	261.3	33.00
17:50	0.0	6/17/2021 17:50:39	4	422	495	282.8	261.6	33.00
17:51	0.0	6/17/2021 17:51:38	4	353	417	283.2	261.9	33.00
17:52	0.0	6/17/2021 17:52:39	4	381	217	283.6	262.1	33.00
17:53	0.0	6/17/2021 17:53:38	4	371	240	283.9	262.6	33.00
17:54	0.0	6/17/2021 17:54:38	4	330	184	284.3	262.9	33.00
17:55	0.0	6/17/2021 17:55:39	4	435	284	284.7	263.3	32.99
17:56	0.0	6/17/2021 17:56:38	4	402	109	285.0	263.6	33.00
17:57	0.0	6/17/2021 17:57:39	4	378	377	285.3	264.0	33.00
17:58	0.0	6/17/2021 17:58:38	4	328	229	285.7	264.3	33.00
17:59	0.0	6/17/2021 17:59:39	4	307	383	286.0	264.7	33.00
18:00	0.0	6/17/2021 18:00:39	4	381	355	286.4	264.9	33.00
18:01	0.0	6/17/2021 18:01:38	4	324	271	286.7	265.1	33.00
18:02	0.0	6/17/2021 18:02:39	4	392	356	287.0	265.6	33.01
18:03	0.0	6/17/2021 18:03:38	4	398	427	287.4	265.9	33.00
18:04	0.0	6/17/2021 18:04:39	4	508	445	287.8	266.2	33.00
18:05	0.0	6/17/2021 18:05:39	4	410	362	288.1	266.6	33.00
18:06	0.0	6/17/2021 18:06:38	4	332	328	288.4	266.8	33.00
18:07	0.0	6/17/2021 18:07:39	4	408	349	288.8	267.2	33.00
18:08	0.0	6/17/2021 18:08:38	4	444	269	289.2	267.5	33.00
18:09	0.0	6/17/2021 18:09:39	4	405	291	289.6	267.9	33.00
18:10	0.0	6/17/2021 18:10:39	4	379	437	289.9	268.3	33.00
18:11	0.0	6/17/2021 18:11:38	4	450	558	290.3	268.7	33.00
18:12	0.0	6/17/2021 18:12:39	4	409	476	290.7	269.1	33.00
18:13	0.0	6/17/2021 18:13:38	4	356	204	291.1	269.3	33.00
18:14	0.0	6/17/2021 18:14:39	4	356	416	291.6	269.9	32.99
18:15	0.0	6/17/2021 18:15:38	4	378	491	292.0	270.3	33.00
18:16	0.0	6/17/2021 18:16:38	4	493	449	292.4	270.6	33.00
18:17	0.0	6/17/2021 18:17:39	4	513	397	292.9	271.1	33.00
18:18	0.0	6/17/2021 18:18:38	4	477	435	293.4	271.6	33.00
18:19	0.0	6/17/2021 18:19:39	4	502	329	293.8	272.0	33.00
18:20	0.0	6/17/2021 18:20:38	4	465	393	294.2	272.4	33.00
18:21	0.0	6/17/2021 18:21:38	4	582	405	294.7	272.8	33.00
18:22	0.0	6/17/2021 18:22:39	4	334	443	295.1	273.3	33.00
18:23	0.0	6/17/2021 18:23:38	4	420	390	295.5	273.6	33.00
18:24	0.0	6/17/2021 18:24:39	4	423	300	295.8	273.9	33.00
18:25	0.0	6/17/2021 18:25:38	4	444	433	296.2	274.3	33.00
18:26	0.0	6/17/2021 18:26:39	4	373	315	296.5	274.5	33.00
18:27	0.0	6/17/2021 18:27:39	4	367	350	296.9	274.9	33.00
18:28	0.0	6/17/2021 18:28:38	4	326	270	297.2	275.2	33.00

33.01	1.001	33.00	11.8	0.949	0.17	258.34	0.996	33.00	10.8	0.17	271.58	0.46	0
33.00	1.001	33.00	11.8	0.948	0.12	258.34	0.997	33.00	10.6	0.55	271.58	0.51	0
33.00	1.001	33.00	12.3	0.947	0.19	258.34	0.997	33.01	11.2	0.87	271.58	0.51	0
33.00	1.001	32.99	11.8	0.949	0.06	258.34	0.996	33.00	11.0	0.30	271.58	0.50	0
33.00	1.001	33.00	12.0	0.947	0.02	258.34	0.995	33.00	10.6	0.47	271.58	0.47	0
33.00	1.001	33.00	11.6	0.948	0.16	258.34	0.998	33.00	10.2	0.16	271.58	0.48	0
33.00	1.001	33.00	12.5	0.946	0.11	258.34	0.997	33.00	10.8	0.11	271.58	0.46	0
33.00	1.001	33.00	12.3	0.947	0.17	258.34	0.996	33.00	10.8	0.17	271.58	0.46	0
33.01	1.002	33.00	12.0	0.946	0.06	258.34	0.997	33.00	10.6	0.06	271.58	0.47	0
33.00	1.001	33.00	12.3	0.947	0.09	258.34	0.997	33.00	11.2	0.09	271.58	0.48	0
33.00	1.001	33.00	12.5	0.946	0.01	258.34	0.996	33.00	11.0	0.30	271.58	0.48	0
33.00	1.002	33.00	12.5	0.946	0.10	258.34	0.996	33.01	10.8	0.47	271.58	0.47	0
32.99	1.001	33.00	11.8	0.948	0.16	258.34	0.997	33.00	10.8	0.16	271.58	0.50	0
33.01	1.001	33.00	11.4	0.949	0.05	258.34	0.995	33.00	10.8	0.05	271.58	0.50	0
33.00	1.001	33.00	12.3	0.947	0.09	258.34	0.995	33.00	10.8	0.40	271.58	0.46	0
33.00	1.001	33.00	11.6	0.947	0.28	258.34	0.996	33.00	10.2	0.06	271.58	0.46	0
33.00	1.001	33.00	12.0	0.948	0.09	258.34	0.995	33.00	11.2	0.09	271.58	0.46	0
33.00	1.002	33.00	11.8	0.947	0.15	258.34	0.997	33.01	10.6	0.15	271.58	0.46	0
33.00	1.001	33.00	12.3	0.947	0.24	258.34	0.997	33.00	11.0	0.24	271.58	0.50	0
33.00	1.001	33.00	11.8	0.946	0.03	258.34	0.998	33.00	10.2	0.16	271.58	0.47	0
33.00	1.001	33.00	12.0	0.946	0.05	258.34	0.997	33.00	10.6	0.05	271.58	0.49	0
33.00	1.001	33.00	12.0	0.948	0.09	258.34	0.997	33.01	11.2	0.09	271.58	0.46	0
33.00	1.001	33.00	11.6	0.948	0.14	258.34	0.997	33.00	10.8	0.14	271.58	0.48	0
33.00	1.001	33.00	11.8	0.946	0.05	258.34	0.998	33.00	10.4	0.05	271.58	0.50	0
33.01	1.001	33.00	12.0	0.948	0.15	258.34	0.995	33.00	11.2	0.15	271.58	0.46	0
33.00	1.001	33.00	12.0	0.947	0.05	258.34	0.996	33.00	10.6	0.24	271.58	0.48	0
33.01	1.001	33.01	12.3	0.947	0.08	258.34	0.997	33.00	11.2	0.08	271.58	0.49	0
33.01	1.001	33.00	11.6	0.948	0.13	258.34	0.997	33.00	10.6	0.13	271.58	0.50	0
33.00	1.003	33.01	12.3	0.946	0.20	258.34	0.997	33.00	11.0	0.20	271.58	0.50	0
33.00	1.001	33.00	11.8	0.948	0.03	258.34	0.998	33.00	10.6	0.14	271.58	0.47	0
33.01	1.001	33.00	12.3	0.947	0.05	258.34	0.997	33.00	11.2	0.22	271.58	0.46	0
33.00	1.001	33.00	12.5	0.944	0.07	258.34	0.997	33.00	10.8	0.07	271.58	0.50	0
33.00	1.001	33.00	11.8	0.948	0.12	258.34	0.995	33.01	10.8	0.03	271.58	0.50	0
33.00	1.001	33.00	12.0	0.948	0.19	258.34	0.997	33.00	11.2	0.04	271.57	0.46	0
33.00	1.001	33.00	12.0	0.945	0.13	258.33	0.996	33.01	10.0	0.13	271.57	0.49	0
33.01	1.001	33.00	12.3	0.945	0.20	258.33	0.993	33.00	11.0	0.20	271.57	0.46	0
33.00	1.001	33.01	12.3	0.946	0.07	258.33	0.999	33.01	10.8	0.07	271.57	0.48	0
33.00	1.001	33.00	12.3	0.947	0.11	258.33	0.997	33.00	11.0	0.11	271.57	0.46	0
33.00	1.001	33.00	12.3	0.946	0.07	258.33	0.997	33.00	11.2	0.07	271.57	0.50	0
33.00	1.001	33.00	12.5	0.945	0.12	258.33	0.995	32.99	10.8	0.12	271.57	0.47	0
33.00	1.001	33.01	12.3	0.947	0.19	258.33	0.996	33.01	11.2	0.04	271.57	0.46	0
33.00	1.001	33.00	11.8	0.947	0.30	258.33	0.997	33.00	10.6	0.30	271.57	0.49	0
33.00	1.001	33.00	11.8	0.948	0.10	258.33	0.998	33.00	11.0	0.10	271.57	0.48	0
33.00	1.001	33.00	11.4	0.948	0.07	258.33	0.997	33.00	10.6	0.07	271.57	0.49	0
33.00	1.001	33.00	12.7	0.945	0.11	258.33	0.998	33.00	10.6	0.11	271.57	0.46	0
33.00	1.002	33.00	11.8	0.948	0.18	258.33	0.997	33.00	11.0	0.18	271.57	0.48	0
33.00	1.002	33.00	12.3	0.946	0.06	258.33	0.997	33.01	11.0	0.06	271.57	0.46	0

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18:29	0.0	6/17/2021 18:29:39	4	265	243	297.5	275.5	33.00
18:30	0.0	6/17/2021 18:30:38	4	360	306	297.9	275.7	33.00
18:31	0.0	6/17/2021 18:31:39	4	348	142	298.1	276.0	33.00
18:32	0.0	6/17/2021 18:32:39	4	286	442	298.4	276.4	33.01
18:33	0.0	6/17/2021 18:33:38	4	315	264	298.7	276.6	33.00
18:34	0.0	6/17/2021 18:34:39	4	315	274	299.0	276.9	33.00
18:35	0.0	6/17/2021 18:35:38	4	261	254	299.3	277.1	33.00
18:36	0.0	6/17/2021 18:36:39	4	308	325	299.5	277.4	33.00
18:37	0.0	6/17/2021 18:37:38	4	274	265	299.8	277.7	33.00
18:38	0.0	6/17/2021 18:38:38	4	343	309	300.2	278.0	33.00
18:39	0.0	6/17/2021 18:39:39	4	293	334	300.4	278.2	33.00
18:40	0.0	6/17/2021 18:40:38	4	248	243	300.7	278.4	33.00
18:41	0.0	6/17/2021 18:41:38	4	262	263	300.9	278.7	33.01
18:42	0.0	6/17/2021 18:42:39	4	350	282	301.3	279.0	33.01
18:43	0.0	6/17/2021 18:43:39	4	281	271	301.5	279.2	33.01
18:44	0.0	6/17/2021 18:44:38	4	235	220	301.8	279.5	33.00
18:45	0.0	6/17/2021 18:45:38	4	279	276	302.1	279.8	33.00
18:46	0.0	6/17/2021 18:46:39	4	314	321	302.4	280.1	33.00
18:47	0.0	6/17/2021 18:47:39	4	259	288	302.6	280.3	33.00
18:48	0.0	6/17/2021 18:48:38	4	342	319	302.9	280.6	33.00
18:49	0.0	6/17/2021 18:49:39	4	305	239	303.2	280.8	33.00
18:50	0.0	6/17/2021 18:50:38	4	223	274	303.4	281.1	33.00
18:51	0.0	6/17/2021 18:51:39	4	307	297	303.8	281.3	33.00
18:52	0.0	6/17/2021 18:52:39	4	238	321	303.9	281.6	33.00
18:53	0.0	6/17/2021 18:53:38	4	378	256	304.3	281.8	33.00
18:54	0.0	6/17/2021 18:54:39	4	240	234	304.5	282.1	33.00
18:55	0.0	6/17/2021 18:55:38	4	263	189	304.8	282.3	33.01
18:56	0.0	6/17/2021 18:56:39	4	341	362	305.1	282.6	33.00
18:57	0.0	6/17/2021 18:57:38	4	326	359	305.4	282.9	33.00
18:58	0.0	6/17/2021 18:58:38	4	318	225	305.7	283.1	33.00
18:59	0.0	6/17/2021 18:59:39	4	244	247	306.0	283.4	33.01
19:00	0.0	6/17/2021 19:00:38	4	276	258	306.3	283.7	33.00
19:01	0.0	6/17/2021 19:01:39	4	406	124	306.6	283.8	33.00
19:02	0.0	6/17/2021 19:02:38	4	177	172	306.7	284.2	33.00
19:03	0.0	6/17/2021 19:03:38	4	346	612	307.2	284.6	33.00
19:04	0.0	6/17/2021 19:04:39	4	229	95	307.4	284.7	33.00
19:05	0.0	6/17/2021 19:05:38	4	223	352	307.7	285.1	33.00
19:06	0.0	6/17/2021 19:06:39	4	280	248	308.0	285.3	33.00
19:07	0.0	6/17/2021 19:07:38	4	392	321	308.4	285.7	33.00
19:08	0.0	6/17/2021 19:08:38	4	317	339	308.7	286.0	33.00
19:09	0.0	6/17/2021 19:09:39	4	358	363	309.0	286.3	33.00
19:10	0.0	6/17/2021 19:10:38	4	278	294	309.2	286.5	33.00
19:11	0.0	6/17/2021 19:11:39	4	294	401	309.6	286.8	33.00
19:12	0.0	6/17/2021 19:12:38	4	278	276	309.9	287.1	33.00
19:13	0.0	6/17/2021 19:13:39	4	344	253	310.3	287.4	33.01
19:14	0.0	6/17/2021 19:14:39	4	394	376	310.6	287.8	33.00
19:15	0.0	6/17/2021 19:15:38	4	363	322	310.9	288.0	33.00

33.00	1.001	33.00	12.3	0.947	0.09	258.33	0.998	33.00	11.2	0.09	271.57	0.49	0
33.00	1.001	33.00	12.3	0.946	0.06	258.33	0.997	33.00	10.8	0.06	271.57	0.49	0
33.00	1.001	33.00	12.3	0.947	0.10	258.33	0.997	33.01	11.2	0.02	271.57	0.51	0
33.00	1.001	33.00	12.3	0.947	0.16	258.33	0.997	33.00	11.2	0.16	271.57	0.48	0
33.01	1.001	33.00	12.3	0.946	0.06	258.33	0.997	33.00	10.8	0.06	271.57	0.50	0
33.00	1.001	33.00	12.3	0.944	0.09	258.33	0.995	33.00	10.6	0.09	271.57	0.47	0
33.00	1.001	33.00	12.5	0.944	0.01	258.33	0.998	33.00	10.6	0.06	271.57	0.49	0
33.00	1.002	33.00	12.5	0.945	0.09	258.33	0.997	33.00	10.8	0.09	271.57	0.46	0
33.00	1.002	33.00	11.8	0.946	0.15	258.33	0.997	33.00	10.8	0.03	271.57	0.48	0
33.00	1.001	33.01	12.3	0.945	0.05	258.33	0.997	33.00	10.8	0.05	271.57	0.47	0
33.00	1.001	33.00	12.0	0.946	0.16	258.33	0.997	33.00	10.6	0.16	271.57	0.50	0
33.01	1.001	33.00	12.5	0.944	0.06	258.33	0.997	33.01	10.8	0.06	271.57	0.48	0
33.01	1.001	33.00	12.5	0.945	0.09	258.33	0.997	33.00	11.6	0.09	271.57	0.49	0
33.00	1.002	33.00	12.0	0.945	0.14	258.33	0.997	33.00	10.6	0.14	271.57	0.48	0
33.00	1.001	33.00	11.8	0.946	0.05	258.33	0.996	32.99	10.4	0.22	271.57	0.46	0
33.00	1.001	33.00	12.7	0.944	0.03	258.33	0.998	33.00	11.2	0.15	271.57	0.46	0
32.99	1.001	33.00	12.0	0.947	0.03	258.33	0.997	33.00	11.0	0.12	271.57	0.46	0
33.00	1.001	33.00	12.5	0.945	0.04	258.33	0.997	33.00	11.0	0.19	271.57	0.46	0
33.01	1.002	33.00	12.3	0.946	0.13	258.33	0.998	33.00	10.6	0.03	271.57	0.51	0
33.00	1.002	33.00	12.3	0.945	0.21	258.33	0.997	33.00	11.0	0.21	271.57	0.50	0
32.99	1.001	33.00	12.0	0.945	0.07	258.33	0.997	33.00	10.6	0.07	271.57	0.46	0
33.01	1.001	33.00	11.8	0.946	0.11	258.33	0.996	33.00	10.6	0.11	271.57	0.46	0
33.01	1.001	33.00	12.3	0.946	0.04	258.33	0.997	33.00	11.0	0.04	271.57	0.47	0
32.99	1.001	33.00	12.0	0.946	0.12	258.33	0.998	33.00	10.8	0.03	271.57	0.46	0
33.00	1.001	33.00	12.0	0.945	0.04	258.33	0.995	33.00	11.2	0.04	271.57	0.48	0
33.00	1.001	33.00	12.0	0.946	0.06	258.33	0.996	33.01	10.8	0.06	271.57	0.46	0
33.00	1.001	33.00	12.5	0.945	0.02	258.33	0.996	33.00	11.2	0.02	271.57	0.50	0
33.00	1.001	33.00	12.5	0.945	0.07	258.33	0.995	33.01	11.2	0.07	271.57	0.50	0
32.99	1.001	33.00	12.3	0.945	0.11	258.33	0.997	33.00	10.8	0.11	271.57	0.48	0
33.00	1.001	33.00	12.5	0.945	0.18	258.33	0.996	33.00	11.0	0.18	271.57	0.48	0
32.99	1.001	33.00	12.5	0.944	0.06	258.33	0.997	33.00	11.0	0.06	271.57	0.48	0
33.00	1.001	33.00	12.9	0.944	0.02	258.33	0.997	33.00	11.2	0.02	271.57	0.46	0
32.99	1.001	33.01	12.3	0.945	0.07	258.33	0.996	33.00	11.0	0.07	271.57	0.46	0
33.00	1.001	33.00	12.3	0.946	0.10	258.33	0.997	33.00	11.2	0.48	271.57	0.46	0
32.99	1.001	33.00	11.8	0.946	0.04	258.33	0.997	33.00	10.8	0.77	271.57	0.50	0
33.00	1.001	33.00	12.0	0.946	0.06	258.33	0.996	33.00	11.0	0.06	271.57	0.48	0
33.00	1.001	33.00	12.0	0.946	0.04	258.33	0.998	33.00	11.0	0.04	271.57	0.50	0
33.00	1.001	33.00	12.0	0.945	0.06	258.33	0.997	33.01	10.6	0.06	271.57	0.49	0
33.00	1.001	33.00	12.3	0.946	0.10	258.33	0.997	33.00	11.2	0.10	271.56	0.46	0
33.00	1.001	33.00	12.3	0.944	0.03	258.33	0.995	33.01	10.8	0.03	271.56	0.50	0
33.00	1.001	33.00	12.7	0.944	0.05	258.33	0.996	33.00	11.6	0.24	271.56	0.50	0
33.01	1.001	33.00	12.3	0.945	0.16	258.32	0.997	33.00	10.8	0.04	271.56	0.46	0
32.99	1.001	33.00	12.3	0.944	0.06	258.32	0.997	33.00	11.2	0.06	271.56	0.46	0
33.00	1.001	33.00	12.3	0.946	0.09	258.32	0.998	33.00	11.6	0.09	271.56	0.48	0
33.00	1.002	33.00	12.3	0.946	0.14	258.32	0.996	33.00	11.2	0.03	271.56	0.46	0
33.01	1.002	33.00	12.5	0.945	0.05	258.32	0.996	33.00	11.0	0.05	271.56	0.50	0
33.00	1.001	33.00	11.8	0.946	0.15	258.32	0.996	33.00	10.8	0.03	271.56	0.49	0

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19:16	0.0	6/17/2021 19:16:39	4	264	399	311.2	288.4	33.01
19:17	0.0	6/17/2021 19:17:38	4	411	278	311.5	288.6	33.00
19:18	0.0	6/17/2021 19:18:39	4	409	368	311.9	289.0	33.00
19:19	0.0	6/17/2021 19:19:38	4	361	423	312.3	289.3	33.00
19:20	0.0	6/17/2021 19:20:38	4	386	209	312.6	289.5	33.00
19:21	0.0	6/17/2021 19:21:39	4	378	344	312.9	289.9	33.00
19:22	0.0	6/17/2021 19:22:38	4	273	190	313.2	290.1	33.01
19:23	0.0	6/17/2021 19:23:39	4	296	338	313.5	290.5	33.00
19:24	0.0	6/17/2021 19:24:38	4	360	280	313.9	290.8	33.00
19:25	0.0	6/17/2021 19:25:38	4	356	370	314.2	291.1	33.01
19:26	0.0	6/17/2021 19:26:39	4	342	352	314.5	291.4	33.00
19:27	0.0	6/17/2021 19:27:38	4	394	323	314.9	291.7	33.00
19:28	0.0	6/17/2021 19:28:38	4	310	261	315.2	292.0	33.00
19:29	0.0	6/17/2021 19:29:39	4	360	334	315.6	292.3	33.00
19:30	0.0	6/17/2021 19:30:39	4	281	505	315.8	292.6	33.00
19:31	0.0	6/17/2021 19:31:38	4	422	375	316.2	292.9	33.01
19:32	0.0	6/17/2021 19:32:39	4	398	374	316.5	293.3	33.00
19:33	0.0	6/17/2021 19:33:38	4	355	356	316.9	293.6	33.00
19:34	0.0	6/17/2021 19:34:39	4	318	337	317.2	293.9	33.00
19:35	0.0	6/17/2021 19:35:38	4	347	238	317.5	294.1	33.00
19:36	0.0	6/17/2021 19:36:39	4	300	312	317.9	294.4	33.00
19:37	0.0	6/17/2021 19:37:38	4	372	372	318.2	294.8	33.00
19:38	0.0	6/17/2021 19:38:39	4	423	373	318.7	295.2	33.01
19:39	0.0	6/17/2021 19:39:38	4	378	339	318.9	295.5	33.00
19:40	0.0	6/17/2021 19:40:39	4	358	422	319.3	295.8	33.00
19:41	-63926255.5	###################	0			0.0	0.0	0.00
19:42	-63926256.5	###################	0			0.0	0.0	0.00
19:43	-63926257.5	###################	0			0.0	0.0	0.00
19:44	-63926258.5	###################	0			0.0	0.0	0.00
19:45	-63926259.5	###################	0			0.0	0.0	0.00
19:46	-63926260.5	###################	0			0.0	0.0	0.00
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19:50	-63926264.5	###################	0			0.0	0.0	0.00
19:51	-63926265.5	###################	0			0.0	0.0	0.00
19:52	-63926266.5	###################	0			0.0	0.0	0.00
19:53	-63926267.5	###################	0			0.0	0.0	0.00
19:54	-63926268.5	###################	0			0.0	0.0	0.00
19:55	-63926269.5	###################	0			0.0	0.0	0.00
19:56	-63926270.5	###################	0			0.0	0.0	0.00
19:57	-63926271.5	###################	0			0.0	0.0	0.00
19:58	-63926272.5	###################	0			0.0	0.0	0.00
19:59	-63926273.5	###################	0			0.0	0.0	0.00
20:00	-63926274.5	###################	0			0.0	0.0	0.00
20:01	-63926275.5	###################	0			0.0	0.0	0.00
20:02	-63926276.5	###################	0			0.0	0.0	0.00

33.00	1.001	33.00	11.8	0.946	0.05	258.32	0.997	33.00	10.6	0.24	271.56	0.47	0
33.00	1.002	33.00	12.5	0.945	0.08	258.32	0.997	33.00	11.8	0.08	271.56	0.48	0
33.01	1.001	33.00	12.5	0.945	0.13	258.32	0.997	33.00	11.2	0.03	271.56	0.48	0
33.00	1.001	33.01	12.5	0.944	0.04	258.32	0.998	33.00	11.0	0.04	271.56	0.46	0
33.00	1.002	33.00	12.5	0.945	0.14	258.32	0.995	33.00	11.2	0.14	271.56	0.46	0
33.00	1.002	33.00	12.0	0.946	0.05	258.32	0.995	33.00	11.4	0.22	271.56	0.46	0
33.00	1.001	33.01	12.0	0.946	0.08	258.32	0.997	33.00	11.4	0.08	271.56	0.48	0
33.00	1.002	33.00	12.5	0.944	0.12	258.32	0.996	33.00	11.4	0.12	271.56	0.48	0
33.00	1.001	33.00	11.8	0.946	0.04	258.32	0.997	33.01	10.8	0.19	271.56	0.48	0
33.00	1.001	33.00	12.5	0.944	0.03	258.32	0.994	33.00	10.8	0.13	271.56	0.50	0
33.00	1.002	33.00	12.3	0.945	0.04	258.32	0.995	33.00	11.0	0.21	271.56	0.46	0
33.00	1.001	33.00	12.0	0.945	0.07	258.32	0.996	33.00	11.2	0.07	271.56	0.47	0
33.00	1.002	33.00	12.5	0.945	0.11	258.32	0.997	33.00	11.2	0.11	271.56	0.50	0
33.00	1.001	33.00	12.3	0.944	0.18	258.32	0.997	33.00	10.8	0.18	271.56	0.46	0
33.00	1.001	33.01	12.5	0.944	0.12	258.32	0.996	33.01	11.0	0.12	271.56	0.47	0
33.00	1.001	33.00	11.8	0.946	0.04	258.32	0.997	33.00	10.8	0.04	271.56	0.48	0
33.00	1.002	33.00	12.7	0.944	0.31	258.32	0.995	33.00	11.0	0.07	271.56	0.47	0
33.00	1.001	33.00	12.5	0.945	0.10	258.32	0.998	33.00	11.0	0.10	271.56	0.46	0
33.00	1.001	33.00	12.3	0.946	0.17	258.32	0.997	33.00	11.6	0.17	271.56	0.48	0
33.00	1.001	33.00	11.8	0.946	0.11	258.32	0.995	33.01	11.2	0.11	271.56	0.48	0
33.00	1.001	33.00	12.7	0.944	0.18	258.32	0.996	33.00	11.2	0.18	271.56	0.46	0
33.00	1.001	33.01	12.7	0.944	0.28	258.32	0.997	33.00	11.6	0.28	271.56	0.49	0
33.00	1.002	33.01	12.3	0.946	0.10	258.32	0.996	33.01	11.6	0.10	271.56	0.47	0
33.00	1.001	33.00	12.7	0.944	0.07	258.32	0.996	33.00	11.2	0.07	271.56	0.48	0
33.00	1.001	33.00	12.7	0.944	0.10	258.32	0.996	33.00	11.0	0.10	271.56	0.47	0
0.00	0.000	0.00	0.0	0	0.00	0.00	0.000	0.00	0.0	0.00	0.00	0.00	0
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0.00	0.000	0.00	0.0	0		0.00	0.000	0.00	0.0		0.00	0.00	0
0.00	0.000	0.00	0.0	0		0.00	0.000	0.00	0.0		0.00	0.00	0
0.00	0.000	0.00	0.0	0		0.00	0.000	0.00	0.0		0.00	0.00	0
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20:03	-63926277.5	###################	0	0.0	0.0	0.00
20:04	-63926278.5	###################	0	0.0	0.0	0.00
20:05	-63926279.5	###################	0	0.0	0.0	0.00
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20:07	-63926281.5	###################	0	0.0	0.0	0.00
20:08	-63926282.5	###################	0	0.0	0.0	0.00
20:09	-63926283.5	###################	0	0.0	0.0	0.00
20:10	-63926284.5	###################	0	0.0	0.0	0.00
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20:17	-63926291.5	###################	0	0.0	0.0	0.00
20:18	-63926292.5	###################	0	0.0	0.0	0.00
20:19	-63926293.5	###################	0	0.0	0.0	0.00
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20:21	-63926295.5	###################	0	0.0	0.0	0.00
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20:36	-63926310.5	###################	0	0.0	0.0	0.00
20:37	-63926311.5	###################	0	0.0	0.0	0.00
20:38	-63926312.5	###################	0	0.0	0.0	0.00
20:39	-63926313.5	###################	0	0.0	0.0	0.00
20:40	-63926314.5	###################	0	0.0	0.0	0.00
20:41	-63926315.5	###################	0	0.0	0.0	0.00
20:42	-63926316.5	###################	0	0.0	0.0	0.00
20:43	-63926317.5	###################	0	0.0	0.0	0.00
20:44	-63926318.5	###################	0	0.0	0.0	0.00
20:45	-63926319.5	###################	0	0.0	0.0	0.00
20:46	-63926320.5	###################	0	0.0	0.0	0.00
20:47	-63926321.5	###################	0	0.0	0.0	0.00
20:48	-63926322.5	###################	0	0.0	0.0	0.00
20:49	-63926323.5	###################	0	0.0	0.0	0.00

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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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20:50	-63926324.5	###################	0	0.0	0.0	0.00
20:51	-63926325.5	###################	0	0.0	0.0	0.00
20:52	-63926326.5	###################	0	0.0	0.0	0.00
20:53	-63926327.5	###################	0	0.0	0.0	0.00
20:54	-63926328.5	###################	0	0.0	0.0	0.00
20:55	-63926329.5	###################	0	0.0	0.0	0.00
20:56	-63926330.5	###################	0	0.0	0.0	0.00
20:57	-63926331.5	###################	0	0.0	0.0	0.00
20:58	-63926332.5	###################	0	0.0	0.0	0.00
20:59	-63926333.5	###################	0	0.0	0.0	0.00
21:00	-63926334.5	###################	0	0.0	0.0	0.00
21:01	-63926335.5	###################	0	0.0	0.0	0.00
21:02	-63926336.5	###################	0	0.0	0.0	0.00
21:03	-63926337.5	###################	0	0.0	0.0	0.00
21:04	-63926338.5	###################	0	0.0	0.0	0.00
21:05	-63926339.5	###################	0	0.0	0.0	0.00
21:06	-63926340.5	###################	0	0.0	0.0	0.00
21:07	-63926341.5	###################	0	0.0	0.0	0.00
21:08	-63926342.5	###################	0	0.0	0.0	0.00
21:09	-63926343.5	###################	0	0.0	0.0	0.00
21:10	-63926344.5	###################	0	0.0	0.0	0.00
21:11	-63926345.5	###################	0	0.0	0.0	0.00
21:12	-63926346.5	###################	0	0.0	0.0	0.00
21:13	-63926347.5	###################	0	0.0	0.0	0.00
21:14	-63926348.5	###################	0	0.0	0.0	0.00
21:15	-63926349.5	###################	0	0.0	0.0	0.00
21:16	-63926350.5	###################	0	0.0	0.0	0.00
21:17	-63926351.5	###################	0	0.0	0.0	0.00
21:18	-63926352.5	###################	0	0.0	0.0	0.00
21:19	-63926353.5	###################	0	0.0	0.0	0.00
21:20	-63926354.5	###################	0	0.0	0.0	0.00
21:21	-63926355.5	###################	0	0.0	0.0	0.00
21:22	-63926356.5	###################	0	0.0	0.0	0.00
21:23	-63926357.5	###################	0	0.0	0.0	0.00
21:24	-63926358.5	###################	0	0.0	0.0	0.00
21:25	-63926359.5	###################	0	0.0	0.0	0.00
21:26	-63926360.5	###################	0	0.0	0.0	0.00
21:27	-63926361.5	###################	0	0.0	0.0	0.00
21:28	-63926362.5	###################	0	0.0	0.0	0.00
21:29	-63926363.5	###################	0	0.0	0.0	0.00
21:30	-63926364.5	###################	0	0.0	0.0	0.00
21:31	-63926365.5	###################	0	0.0	0.0	0.00
21:32	-63926366.5	###################	0	0.0	0.0	0.00
21:33	-63926367.5	###################	0	0.0	0.0	0.00
21:34	-63926368.5	###################	0	0.0	0.0	0.00
21:35	-63926369.5	###################	0	0.0	0.0	0.00
21:36	-63926370.5	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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21:37	-63926371.5	###################	0	0.0	0.0	0.00
21:38	-63926372.5	###################	0	0.0	0.0	0.00
21:39	-63926373.5	###################	0	0.0	0.0	0.00
21:40	-63926374.5	###################	0	0.0	0.0	0.00
21:41	-63926375.5	###################	0	0.0	0.0	0.00
21:42	-63926376.5	###################	0	0.0	0.0	0.00
21:43	-63926377.5	###################	0	0.0	0.0	0.00
21:44	-63926378.5	###################	0	0.0	0.0	0.00
21:45	-63926379.5	###################	0	0.0	0.0	0.00
21:46	-63926380.5	###################	0	0.0	0.0	0.00
21:47	-63926381.5	###################	0	0.0	0.0	0.00
21:48	-63926382.5	###################	0	0.0	0.0	0.00
21:49	-63926383.5	###################	0	0.0	0.0	0.00
21:50	-63926384.5	###################	0	0.0	0.0	0.00
21:51	-63926385.5	###################	0	0.0	0.0	0.00
21:52	-63926386.5	###################	0	0.0	0.0	0.00
21:53	-63926387.5	###################	0	0.0	0.0	0.00
21:54	-63926388.5	###################	0	0.0	0.0	0.00
21:55	-63926389.5	###################	0	0.0	0.0	0.00
21:56	-63926390.5	###################	0	0.0	0.0	0.00
21:57	-63926391.5	###################	0	0.0	0.0	0.00
21:58	-63926392.5	###################	0	0.0	0.0	0.00
21:59	-63926393.5	###################	0	0.0	0.0	0.00
22:00	-63926394.5	###################	0	0.0	0.0	0.00
22:01	-63926395.5	###################	0	0.0	0.0	0.00
22:02	-63926396.5	###################	0	0.0	0.0	0.00
22:03	-63926397.5	###################	0	0.0	0.0	0.00
22:04	-63926398.5	###################	0	0.0	0.0	0.00
22:05	-63926399.5	###################	0	0.0	0.0	0.00
22:06	-63926400.5	###################	0	0.0	0.0	0.00
22:07	-63926401.5	###################	0	0.0	0.0	0.00
22:08	-63926402.5	###################	0	0.0	0.0	0.00
22:09	-63926403.5	###################	0	0.0	0.0	0.00
22:10	-63926404.5	###################	0	0.0	0.0	0.00
22:11	-63926405.5	###################	0	0.0	0.0	0.00
22:12	-63926406.6	###################	0	0.0	0.0	0.00
22:13	-63926407.6	###################	0	0.0	0.0	0.00
22:14	-63926408.6	###################	0	0.0	0.0	0.00
22:15	-63926409.6	###################	0	0.0	0.0	0.00
22:16	-63926410.6	###################	0	0.0	0.0	0.00
22:17	-63926411.6	###################	0	0.0	0.0	0.00
22:18	-63926412.6	###################	0	0.0	0.0	0.00
22:19	-63926413.6	###################	0	0.0	0.0	0.00
22:20	-63926414.6	###################	0	0.0	0.0	0.00
22:21	-63926415.6	###################	0	0.0	0.0	0.00
22:22	-63926416.6	###################	0	0.0	0.0	0.00
22:23	-63926417.6	###################	0	0.0	0.0	0.00

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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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22:24	-63926418.6	###################	0	0.0	0.0	0.00
22:25	-63926419.6	###################	0	0.0	0.0	0.00
22:26	-63926420.6	###################	0	0.0	0.0	0.00
22:27	-63926421.6	###################	0	0.0	0.0	0.00
22:28	-63926422.6	###################	0	0.0	0.0	0.00
22:29	-63926423.6	###################	0	0.0	0.0	0.00
22:30	-63926424.6	###################	0	0.0	0.0	0.00
22:31	-63926425.6	###################	0	0.0	0.0	0.00
22:32	-63926426.6	###################	0	0.0	0.0	0.00
22:33	-63926427.6	###################	0	0.0	0.0	0.00
22:34	-63926428.6	###################	0	0.0	0.0	0.00
22:35	-63926429.6	###################	0	0.0	0.0	0.00
22:36	-63926430.6	###################	0	0.0	0.0	0.00
22:37	-63926431.6	###################	0	0.0	0.0	0.00
22:38	-63926432.6	###################	0	0.0	0.0	0.00
22:39	-63926433.6	###################	0	0.0	0.0	0.00
22:40	-63926434.6	###################	0	0.0	0.0	0.00
22:41	-63926435.6	###################	0	0.0	0.0	0.00
22:42	-63926436.6	###################	0	0.0	0.0	0.00
22:43	-63926437.6	###################	0	0.0	0.0	0.00
22:44	-63926438.6	###################	0	0.0	0.0	0.00
22:45	-63926439.6	###################	0	0.0	0.0	0.00
22:46	-63926440.6	###################	0	0.0	0.0	0.00
22:47	-63926441.6	###################	0	0.0	0.0	0.00
22:48	-63926442.6	###################	0	0.0	0.0	0.00
22:49	-63926443.6	###################	0	0.0	0.0	0.00
22:50	-63926444.6	###################	0	0.0	0.0	0.00
22:51	-63926445.6	###################	0	0.0	0.0	0.00
22:52	-63926446.6	###################	0	0.0	0.0	0.00
22:53	-63926447.6	###################	0	0.0	0.0	0.00
22:54	-63926448.6	###################	0	0.0	0.0	0.00
22:55	-63926449.6	###################	0	0.0	0.0	0.00
22:56	-63926450.6	###################	0	0.0	0.0	0.00
22:57	-63926451.6	###################	0	0.0	0.0	0.00
22:58	-63926452.6	###################	0	0.0	0.0	0.00
22:59	-63926453.6	###################	0	0.0	0.0	0.00
23:00	-63926454.6	###################	0	0.0	0.0	0.00
23:01	-63926455.6	###################	0	0.0	0.0	0.00
23:02	-63926456.6	###################	0	0.0	0.0	0.00
23:03	-63926457.6	###################	0	0.0	0.0	0.00
23:04	-63926458.6	###################	0	0.0	0.0	0.00
23:05	-63926459.6	###################	0	0.0	0.0	0.00
23:06	-63926460.6	###################	0	0.0	0.0	0.00
23:07	-63926461.6	###################	0	0.0	0.0	0.00
23:08	-63926462.6	###################	0	0.0	0.0	0.00
23:09	-63926463.6	###################	0	0.0	0.0	0.00
23:10	-63926464.6	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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23:11	-63926465.6	###################	0	0.0	0.0	0.00
23:12	-63926466.6	###################	0	0.0	0.0	0.00
23:13	-63926467.6	###################	0	0.0	0.0	0.00
23:14	-63926468.6	###################	0	0.0	0.0	0.00
23:15	-63926469.6	###################	0	0.0	0.0	0.00
23:16	-63926470.6	###################	0	0.0	0.0	0.00
23:17	-63926471.6	###################	0	0.0	0.0	0.00
23:18	-63926472.6	###################	0	0.0	0.0	0.00
23:19	-63926473.6	###################	0	0.0	0.0	0.00
23:20	-63926474.6	###################	0	0.0	0.0	0.00
23:21	-63926475.6	###################	0	0.0	0.0	0.00
23:22	-63926476.6	###################	0	0.0	0.0	0.00
23:23	-63926477.6	###################	0	0.0	0.0	0.00
23:24	-63926478.6	###################	0	0.0	0.0	0.00
23:25	-63926479.6	###################	0	0.0	0.0	0.00
23:26	-63926480.6	###################	0	0.0	0.0	0.00
23:27	-63926481.6	###################	0	0.0	0.0	0.00
23:28	-63926482.6	###################	0	0.0	0.0	0.00
23:29	-63926483.6	###################	0	0.0	0.0	0.00
23:30	-63926484.6	###################	0	0.0	0.0	0.00
23:31	-63926485.6	###################	0	0.0	0.0	0.00
23:32	-63926486.6	###################	0	0.0	0.0	0.00
23:33	-63926487.6	###################	0	0.0	0.0	0.00
23:34	-63926488.6	###################	0	0.0	0.0	0.00
23:35	-63926489.6	###################	0	0.0	0.0	0.00
23:36	-63926490.6	###################	0	0.0	0.0	0.00
23:37	-63926491.6	###################	0	0.0	0.0	0.00
23:38	-63926492.6	###################	0	0.0	0.0	0.00
23:39	-63926493.6	###################	0	0.0	0.0	0.00
23:40	-63926494.6	###################	0	0.0	0.0	0.00
23:41	-63926495.6	###################	0	0.0	0.0	0.00
23:42	-63926496.6	###################	0	0.0	0.0	0.00
23:43	-63926497.6	###################	0	0.0	0.0	0.00
23:44	-63926498.6	###################	0	0.0	0.0	0.00
23:45	-63926499.6	###################	0	0.0	0.0	0.00
23:46	-63926500.6	###################	0	0.0	0.0	0.00
23:47	-63926501.6	###################	0	0.0	0.0	0.00
23:48	-63926502.6	###################	0	0.0	0.0	0.00
23:49	-63926503.6	###################	0	0.0	0.0	0.00
23:50	-63926504.6	###################	0	0.0	0.0	0.00
23:51	-63926505.6	###################	0	0.0	0.0	0.00
23:52	-63926506.6	###################	0	0.0	0.0	0.00
23:53	-63926507.6	###################	0	0.0	0.0	0.00
23:54	-63926508.6	###################	0	0.0	0.0	0.00
23:55	-63926509.6	###################	0	0.0	0.0	0.00
23:56	-63926510.6	###################	0	0.0	0.0	0.00
23:57	-63926511.6	###################	0	0.0	0.0	0.00

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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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23:58	-63926512.6	###################	0	0.0	0.0	0.00
23:59	-63926513.6	###################	0	0.0	0.0	0.00
0:00	-63926514.6	###################	0	0.0	0.0	0.00
0:01	-63926515.6	###################	0	0.0	0.0	0.00
0:02	-63926516.6	###################	0	0.0	0.0	0.00
0:03	-63926517.6	###################	0	0.0	0.0	0.00
0:04	-63926518.6	###################	0	0.0	0.0	0.00
0:05	-63926519.6	###################	0	0.0	0.0	0.00
0:06	-63926520.6	###################	0	0.0	0.0	0.00
0:07	-63926521.6	###################	0	0.0	0.0	0.00
0:08	-63926522.6	###################	0	0.0	0.0	0.00
0:09	-63926523.6	###################	0	0.0	0.0	0.00
0:10	-63926524.6	###################	0	0.0	0.0	0.00
0:11	-63926525.6	###################	0	0.0	0.0	0.00
0:12	-63926526.6	###################	0	0.0	0.0	0.00
0:13	-63926527.6	###################	0	0.0	0.0	0.00
0:14	-63926528.6	###################	0	0.0	0.0	0.00
0:15	-63926529.6	###################	0	0.0	0.0	0.00
0:16	-63926530.6	###################	0	0.0	0.0	0.00
0:17	-63926531.6	###################	0	0.0	0.0	0.00
0:18	-63926532.6	###################	0	0.0	0.0	0.00
0:19	-63926533.6	###################	0	0.0	0.0	0.00
0:20	-63926534.6	###################	0	0.0	0.0	0.00
0:21	-63926535.6	###################	0	0.0	0.0	0.00
0:22	-63926536.6	###################	0	0.0	0.0	0.00
0:23	-63926537.6	###################	0	0.0	0.0	0.00
0:24	-63926538.6	###################	0	0.0	0.0	0.00
0:25	-63926539.6	###################	0	0.0	0.0	0.00
0:26	-63926540.6	###################	0	0.0	0.0	0.00
0:27	-63926541.6	###################	0	0.0	0.0	0.00
0:28	-63926542.6	###################	0	0.0	0.0	0.00
0:29	-63926543.6	###################	0	0.0	0.0	0.00
0:30	-63926544.6	###################	0	0.0	0.0	0.00
0:31	-63926545.6	###################	0	0.0	0.0	0.00
0:32	-63926546.6	###################	0	0.0	0.0	0.00
0:33	-63926547.6	###################	0	0.0	0.0	0.00
0:34	-63926548.6	###################	0	0.0	0.0	0.00
0:35	-63926549.6	###################	0	0.0	0.0	0.00
0:36	-63926550.6	###################	0	0.0	0.0	0.00
0:37	-63926551.6	###################	0	0.0	0.0	0.00
0:38	-63926552.6	###################	0	0.0	0.0	0.00
0:39	-63926553.6	###################	0	0.0	0.0	0.00
0:40	-63926554.6	###################	0	0.0	0.0	0.00
0:41	-63926555.6	###################	0	0.0	0.0	0.00
0:42	-63926556.6	###################	0	0.0	0.0	0.00
0:43	-63926557.6	###################	0	0.0	0.0	0.00
0:44	-63926558.6	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0:45	-63926559.6	###################	0	0.0	0.0	0.00
0:46	-63926560.6	###################	0	0.0	0.0	0.00
0:47	-63926561.6	###################	0	0.0	0.0	0.00
0:48	-63926562.7	###################	0	0.0	0.0	0.00
0:49	-63926563.7	###################	0	0.0	0.0	0.00
0:50	-63926564.7	###################	0	0.0	0.0	0.00
0:51	-63926565.7	###################	0	0.0	0.0	0.00
0:52	-63926566.7	###################	0	0.0	0.0	0.00
0:53	-63926567.7	###################	0	0.0	0.0	0.00
0:54	-63926568.7	###################	0	0.0	0.0	0.00
0:55	-63926569.7	###################	0	0.0	0.0	0.00
0:56	-63926570.7	###################	0	0.0	0.0	0.00
0:57	-63926571.7	###################	0	0.0	0.0	0.00
0:58	-63926572.7	###################	0	0.0	0.0	0.00
0:59	-63926573.7	###################	0	0.0	0.0	0.00
1:00	-63926574.7	###################	0	0.0	0.0	0.00
1:01	-63926575.7	###################	0	0.0	0.0	0.00
1:02	-63926576.7	###################	0	0.0	0.0	0.00
1:03	-63926577.7	###################	0	0.0	0.0	0.00
1:04	-63926578.7	###################	0	0.0	0.0	0.00
1:05	-63926579.7	###################	0	0.0	0.0	0.00
1:06	-63926580.7	###################	0	0.0	0.0	0.00
1:07	-63926581.7	###################	0	0.0	0.0	0.00
1:08	-63926582.7	###################	0	0.0	0.0	0.00
1:09	-63926583.7	###################	0	0.0	0.0	0.00
1:10	-63926584.7	###################	0	0.0	0.0	0.00
1:11	-63926585.7	###################	0	0.0	0.0	0.00
1:12	-63926586.7	###################	0	0.0	0.0	0.00
1:13	-63926587.7	###################	0	0.0	0.0	0.00
1:14	-63926588.7	###################	0	0.0	0.0	0.00
1:15	-63926589.7	###################	0	0.0	0.0	0.00
1:16	-63926590.7	###################	0	0.0	0.0	0.00
1:17	-63926591.7	###################	0	0.0	0.0	0.00
1:18	-63926592.7	###################	0	0.0	0.0	0.00
1:19	-63926593.7	###################	0	0.0	0.0	0.00
1:20	-63926594.7	###################	0	0.0	0.0	0.00
1:21	-63926595.7	###################	0	0.0	0.0	0.00
1:22	-63926596.7	###################	0	0.0	0.0	0.00
1:23	-63926597.7	###################	0	0.0	0.0	0.00
1:24	-63926598.7	###################	0	0.0	0.0	0.00
1:25	-63926599.7	###################	0	0.0	0.0	0.00
1:26	-63926600.7	###################	0	0.0	0.0	0.00
1:27	-63926601.7	###################	0	0.0	0.0	0.00
1:28	-63926602.7	###################	0	0.0	0.0	0.00
1:29	-63926603.7	###################	0	0.0	0.0	0.00
1:30	-63926604.7	###################	0	0.0	0.0	0.00
1:31	-63926605.7	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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1:32	-63926606.7	###################	0	0.0	0.0	0.00
1:33	-63926607.7	###################	0	0.0	0.0	0.00
1:34	-63926608.7	###################	0	0.0	0.0	0.00
1:35	-63926609.7	###################	0	0.0	0.0	0.00
1:36	-63926610.7	###################	0	0.0	0.0	0.00
1:37	-63926611.7	###################	0	0.0	0.0	0.00
1:38	-63926612.7	###################	0	0.0	0.0	0.00
1:39	-63926613.7	###################	0	0.0	0.0	0.00
1:40	-63926614.7	###################	0	0.0	0.0	0.00
1:41	-63926615.7	###################	0	0.0	0.0	0.00
1:42	-63926616.7	###################	0	0.0	0.0	0.00
1:43	-63926617.7	###################	0	0.0	0.0	0.00
1:44	-63926618.7	###################	0	0.0	0.0	0.00
1:45	-63926619.7	###################	0	0.0	0.0	0.00
1:46	-63926620.7	###################	0	0.0	0.0	0.00
1:47	-63926621.7	###################	0	0.0	0.0	0.00
1:48	-63926622.7	###################	0	0.0	0.0	0.00
1:49	-63926623.7	###################	0	0.0	0.0	0.00
1:50	-63926624.7	###################	0	0.0	0.0	0.00
1:51	-63926625.7	###################	0	0.0	0.0	0.00
1:52	-63926626.7	###################	0	0.0	0.0	0.00
1:53	-63926627.7	###################	0	0.0	0.0	0.00
1:54	-63926628.7	###################	0	0.0	0.0	0.00
1:55	-63926629.7	###################	0	0.0	0.0	0.00
1:56	-63926630.7	###################	0	0.0	0.0	0.00
1:57	-63926631.7	###################	0	0.0	0.0	0.00
1:58	-63926632.7	###################	0	0.0	0.0	0.00
1:59	-63926633.7	###################	0	0.0	0.0	0.00
2:00	-63926634.7	###################	0	0.0	0.0	0.00
2:01	-63926635.7	###################	0	0.0	0.0	0.00
2:02	-63926636.7	###################	0	0.0	0.0	0.00
2:03	-63926637.7	###################	0	0.0	0.0	0.00
2:04	-63926638.7	###################	0	0.0	0.0	0.00
2:05	-63926639.7	###################	0	0.0	0.0	0.00
2:06	-63926640.7	###################	0	0.0	0.0	0.00
2:07	-63926641.7	###################	0	0.0	0.0	0.00
2:08	-63926642.7	###################	0	0.0	0.0	0.00
2:09	-63926643.7	###################	0	0.0	0.0	0.00
2:10	-63926644.7	###################	0	0.0	0.0	0.00
2:11	-63926645.7	###################	0	0.0	0.0	0.00
2:12	-63926646.7	###################	0	0.0	0.0	0.00
2:13	-63926647.7	###################	0	0.0	0.0	0.00
2:14	-63926648.7	###################	0	0.0	0.0	0.00
2:15	-63926649.7	###################	0	0.0	0.0	0.00
2:16	-63926650.7	###################	0	0.0	0.0	0.00
2:17	-63926651.7	###################	0	0.0	0.0	0.00
2:18	-63926652.7	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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2:19	-63926653.7	###################	0	0.0	0.0	0.00
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2:22	-63926656.7	###################	0	0.0	0.0	0.00
2:23	-63926657.7	###################	0	0.0	0.0	0.00
2:24	-63926658.7	###################	0	0.0	0.0	0.00
2:25	-63926659.7	###################	0	0.0	0.0	0.00
2:26	-63926660.7	###################	0	0.0	0.0	0.00
2:27	-63926661.7	###################	0	0.0	0.0	0.00
2:28	-63926662.7	###################	0	0.0	0.0	0.00
2:29	-63926663.7	###################	0	0.0	0.0	0.00
2:30	-63926664.7	###################	0	0.0	0.0	0.00
2:31	-63926665.7	###################	0	0.0	0.0	0.00
2:32	-63926666.7	###################	0	0.0	0.0	0.00
2:33	-63926667.7	###################	0	0.0	0.0	0.00
2:34	-63926668.7	###################	0	0.0	0.0	0.00
2:35	-63926669.7	###################	0	0.0	0.0	0.00
2:36	-63926670.7	###################	0	0.0	0.0	0.00
2:37	-63926671.7	###################	0	0.0	0.0	0.00
2:38	-63926672.7	###################	0	0.0	0.0	0.00
2:39	-63926673.7	###################	0	0.0	0.0	0.00
2:40	-63926674.7	###################	0	0.0	0.0	0.00
2:41	-63926675.7	###################	0	0.0	0.0	0.00
2:42	-63926676.7	###################	0	0.0	0.0	0.00
2:43	-63926677.7	###################	0	0.0	0.0	0.00
2:44	-63926678.7	###################	0	0.0	0.0	0.00
2:45	-63926679.7	###################	0	0.0	0.0	0.00
2:46	-63926680.7	###################	0	0.0	0.0	0.00
2:47	-63926681.7	###################	0	0.0	0.0	0.00
2:48	-63926682.7	###################	0	0.0	0.0	0.00
2:49	-63926683.7	###################	0	0.0	0.0	0.00
2:50	-63926684.7	###################	0	0.0	0.0	0.00
2:51	-63926685.7	###################	0	0.0	0.0	0.00
2:52	-63926686.7	###################	0	0.0	0.0	0.00
2:53	-63926687.7	###################	0	0.0	0.0	0.00
2:54	-63926688.7	###################	0	0.0	0.0	0.00
2:55	-63926689.7	###################	0	0.0	0.0	0.00
2:56	-63926690.7	###################	0	0.0	0.0	0.00
2:57	-63926691.7	###################	0	0.0	0.0	0.00
2:58	-63926692.7	###################	0	0.0	0.0	0.00
2:59	-63926693.7	###################	0	0.0	0.0	0.00
3:00	-63926694.7	###################	0	0.0	0.0	0.00
3:01	-63926695.7	###################	0	0.0	0.0	0.00
3:02	-63926696.7	###################	0	0.0	0.0	0.00
3:03	-63926697.7	###################	0	0.0	0.0	0.00
3:04	-63926698.7	###################	0	0.0	0.0	0.00
3:05	-63926699.7	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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3:06	-63926700.7	###################	0	0.0	0.0	0.00
3:07	-63926701.7	###################	0	0.0	0.0	0.00
3:08	-63926702.7	###################	0	0.0	0.0	0.00
3:09	-63926703.7	###################	0	0.0	0.0	0.00
3:10	-63926704.7	###################	0	0.0	0.0	0.00
3:11	-63926705.7	###################	0	0.0	0.0	0.00
3:12	-63926706.7	###################	0	0.0	0.0	0.00
3:13	-63926707.7	###################	0	0.0	0.0	0.00
3:14	-63926708.7	###################	0	0.0	0.0	0.00
3:15	-63926709.7	###################	0	0.0	0.0	0.00
3:16	-63926710.7	###################	0	0.0	0.0	0.00
3:17	-63926711.7	###################	0	0.0	0.0	0.00
3:18	-63926712.7	###################	0	0.0	0.0	0.00
3:19	-63926713.7	###################	0	0.0	0.0	0.00
3:20	-63926714.7	###################	0	0.0	0.0	0.00
3:21	-63926715.7	###################	0	0.0	0.0	0.00
3:22	-63926716.7	###################	0	0.0	0.0	0.00
3:23	-63926717.7	###################	0	0.0	0.0	0.00
3:24	-63926718.8	###################	0	0.0	0.0	0.00
3:25	-63926719.8	###################	0	0.0	0.0	0.00
3:26	-63926720.8	###################	0	0.0	0.0	0.00
3:27	-63926721.8	###################	0	0.0	0.0	0.00
3:28	-63926722.8	###################	0	0.0	0.0	0.00
3:29	-63926723.8	###################	0	0.0	0.0	0.00
3:30	-63926724.8	###################	0	0.0	0.0	0.00
3:31	-63926725.8	###################	0	0.0	0.0	0.00
3:32	-63926726.8	###################	0	0.0	0.0	0.00
3:33	-63926727.8	###################	0	0.0	0.0	0.00
3:34	-63926728.8	###################	0	0.0	0.0	0.00
3:35	-63926729.8	###################	0	0.0	0.0	0.00
3:36	-63926730.8	###################	0	0.0	0.0	0.00
3:37	-63926731.8	###################	0	0.0	0.0	0.00
3:38	-63926732.8	###################	0	0.0	0.0	0.00
3:39	-63926733.8	###################	0	0.0	0.0	0.00
3:40	-63926734.8	###################	0	0.0	0.0	0.00
3:41	-63926735.8	###################	0	0.0	0.0	0.00
3:42	-63926736.8	###################	0	0.0	0.0	0.00
3:43	-63926737.8	###################	0	0.0	0.0	0.00
3:44	-63926738.8	###################	0	0.0	0.0	0.00
3:45	-63926739.8	###################	0	0.0	0.0	0.00
3:46	-63926740.8	###################	0	0.0	0.0	0.00
3:47	-63926741.8	###################	0	0.0	0.0	0.00
3:48	-63926742.8	###################	0	0.0	0.0	0.00
3:49	-63926743.8	###################	0	0.0	0.0	0.00
3:50	-63926744.8	###################	0	0.0	0.0	0.00
3:51	-63926745.8	###################	0	0.0	0.0	0.00
3:52	-63926746.8	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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3:53	-63926747.8	###################	0	0.0	0.0	0.00
3:54	-63926748.8	###################	0	0.0	0.0	0.00
3:55	-63926749.8	###################	0	0.0	0.0	0.00
3:56	-63926750.8	###################	0	0.0	0.0	0.00
3:57	-63926751.8	###################	0	0.0	0.0	0.00
3:58	-63926752.8	###################	0	0.0	0.0	0.00
3:59	-63926753.8	###################	0	0.0	0.0	0.00
4:00	-63926754.8	###################	0	0.0	0.0	0.00
4:01	-63926755.8	###################	0	0.0	0.0	0.00
4:02	-63926756.8	###################	0	0.0	0.0	0.00
4:03	-63926757.8	###################	0	0.0	0.0	0.00
4:04	-63926758.8	###################	0	0.0	0.0	0.00
4:05	-63926759.8	###################	0	0.0	0.0	0.00
4:06	-63926760.8	###################	0	0.0	0.0	0.00
4:07	-63926761.8	###################	0	0.0	0.0	0.00
4:08	-63926762.8	###################	0	0.0	0.0	0.00
4:09	-63926763.8	###################	0	0.0	0.0	0.00
4:10	-63926764.8	###################	0	0.0	0.0	0.00
4:11	-63926765.8	###################	0	0.0	0.0	0.00
4:12	-63926766.8	###################	0	0.0	0.0	0.00
4:13	-63926767.8	###################	0	0.0	0.0	0.00
4:14	-63926768.8	###################	0	0.0	0.0	0.00
4:15	-63926769.8	###################	0	0.0	0.0	0.00
4:16	-63926770.8	###################	0	0.0	0.0	0.00
4:17	-63926771.8	###################	0	0.0	0.0	0.00
4:18	-63926772.8	###################	0	0.0	0.0	0.00
4:19	-63926773.8	###################	0	0.0	0.0	0.00
4:20	-63926774.8	###################	0	0.0	0.0	0.00
4:21	-63926775.8	###################	0	0.0	0.0	0.00
4:22	-63926776.8	###################	0	0.0	0.0	0.00
4:23	-63926777.8	###################	0	0.0	0.0	0.00
4:24	-63926778.8	###################	0	0.0	0.0	0.00
4:25	-63926779.8	###################	0	0.0	0.0	0.00
4:26	-63926780.8	###################	0	0.0	0.0	0.00
4:27	-63926781.8	###################	0	0.0	0.0	0.00
4:28	-63926782.8	###################	0	0.0	0.0	0.00
4:29	-63926783.8	###################	0	0.0	0.0	0.00
4:30	-63926784.8	###################	0	0.0	0.0	0.00
4:31	-63926785.8	###################	0	0.0	0.0	0.00
4:32	-63926786.8	###################	0	0.0	0.0	0.00
4:33	-63926787.8	###################	0	0.0	0.0	0.00
4:34	-63926788.8	###################	0	0.0	0.0	0.00
4:35	-63926789.8	###################	0	0.0	0.0	0.00
4:36	-63926790.8	###################	0	0.0	0.0	0.00
4:37	-63926791.8	###################	0	0.0	0.0	0.00
4:38	-63926792.8	###################	0	0.0	0.0	0.00
4:39	-63926793.8	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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4:40	-63926794.8	###################	0	0.0	0.0	0.00
4:41	-63926795.8	###################	0	0.0	0.0	0.00
4:42	-63926796.8	###################	0	0.0	0.0	0.00
4:43	-63926797.8	###################	0	0.0	0.0	0.00
4:44	-63926798.8	###################	0	0.0	0.0	0.00
4:45	-63926799.8	###################	0	0.0	0.0	0.00
4:46	-63926800.8	###################	0	0.0	0.0	0.00
4:47	-63926801.8	###################	0	0.0	0.0	0.00
4:48	-63926802.8	###################	0	0.0	0.0	0.00
4:49	-63926803.8	###################	0	0.0	0.0	0.00
4:50	-63926804.8	###################	0	0.0	0.0	0.00
4:51	-63926805.8	###################	0	0.0	0.0	0.00
4:52	-63926806.8	###################	0	0.0	0.0	0.00
4:53	-63926807.8	###################	0	0.0	0.0	0.00
4:54	-63926808.8	###################	0	0.0	0.0	0.00
4:55	-63926809.8	###################	0	0.0	0.0	0.00
4:56	-63926810.8	###################	0	0.0	0.0	0.00
4:57	-63926811.8	###################	0	0.0	0.0	0.00
4:58	-63926812.8	###################	0	0.0	0.0	0.00
4:59	-63926813.8	###################	0	0.0	0.0	0.00
5:00	-63926814.8	###################	0	0.0	0.0	0.00
5:01	-63926815.8	###################	0	0.0	0.0	0.00
5:02	-63926816.8	###################	0	0.0	0.0	0.00
5:03	-63926817.8	###################	0	0.0	0.0	0.00
5:04	-63926818.8	###################	0	0.0	0.0	0.00
5:05	-63926819.8	###################	0	0.0	0.0	0.00
5:06	-63926820.8	###################	0	0.0	0.0	0.00
5:07	-63926821.8	###################	0	0.0	0.0	0.00
5:08	-63926822.8	###################	0	0.0	0.0	0.00
5:09	-63926823.8	###################	0	0.0	0.0	0.00
5:10	-63926824.8	###################	0	0.0	0.0	0.00
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5:12	-63926826.8	###################	0	0.0	0.0	0.00
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5:14	-63926828.8	###################	0	0.0	0.0	0.00
5:15	-63926829.8	###################	0	0.0	0.0	0.00
5:16	-63926830.8	###################	0	0.0	0.0	0.00
5:17	-63926831.8	###################	0	0.0	0.0	0.00
5:18	-63926832.8	###################	0	0.0	0.0	0.00
5:19	-63926833.8	###################	0	0.0	0.0	0.00
5:20	-63926834.8	###################	0	0.0	0.0	0.00
5:21	-63926835.8	###################	0	0.0	0.0	0.00
5:22	-63926836.8	###################	0	0.0	0.0	0.00
5:23	-63926837.8	###################	0	0.0	0.0	0.00
5:24	-63926838.8	###################	0	0.0	0.0	0.00
5:25	-63926839.8	###################	0	0.0	0.0	0.00
5:26	-63926840.8	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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5:27	-63926841.8	###################	0	0.0	0.0	0.00
5:28	-63926842.8	###################	0	0.0	0.0	0.00
5:29	-63926843.8	###################	0	0.0	0.0	0.00
5:30	-63926844.8	###################	0	0.0	0.0	0.00
5:31	-63926845.8	###################	0	0.0	0.0	0.00
5:32	-63926846.8	###################	0	0.0	0.0	0.00
5:33	-63926847.8	###################	0	0.0	0.0	0.00
5:34	-63926848.8	###################	0	0.0	0.0	0.00
5:35	-63926849.8	###################	0	0.0	0.0	0.00
5:36	-63926850.8	###################	0	0.0	0.0	0.00
5:37	-63926851.8	###################	0	0.0	0.0	0.00
5:38	-63926852.8	###################	0	0.0	0.0	0.00
5:39	-63926853.8	###################	0	0.0	0.0	0.00
5:40	-63926854.8	###################	0	0.0	0.0	0.00
5:41	-63926855.8	###################	0	0.0	0.0	0.00
5:42	-63926856.8	###################	0	0.0	0.0	0.00
5:43	-63926857.8	###################	0	0.0	0.0	0.00
5:44	-63926858.8	###################	0	0.0	0.0	0.00
5:45	-63926859.8	###################	0	0.0	0.0	0.00
5:46	-63926860.8	###################	0	0.0	0.0	0.00
5:47	-63926861.8	###################	0	0.0	0.0	0.00
5:48	-63926862.8	###################	0	0.0	0.0	0.00
5:49	-63926863.8	###################	0	0.0	0.0	0.00
5:50	-63926864.8	###################	0	0.0	0.0	0.00
5:51	-63926865.8	###################	0	0.0	0.0	0.00
5:52	-63926866.8	###################	0	0.0	0.0	0.00
5:53	-63926867.8	###################	0	0.0	0.0	0.00
5:54	-63926868.8	###################	0	0.0	0.0	0.00
5:55	-63926869.8	###################	0	0.0	0.0	0.00
5:56	-63926870.8	###################	0	0.0	0.0	0.00
5:57	-63926871.8	###################	0	0.0	0.0	0.00
5:58	-63926872.8	###################	0	0.0	0.0	0.00
5:59	-63926873.8	###################	0	0.0	0.0	0.00
6:00	-63926874.8	###################	0	0.0	0.0	0.00
6:01	-63926875.9	###################	0	0.0	0.0	0.00
6:02	-63926876.9	###################	0	0.0	0.0	0.00
6:03	-63926877.9	###################	0	0.0	0.0	0.00
6:04	-63926878.9	###################	0	0.0	0.0	0.00
6:05	-63926879.9	###################	0	0.0	0.0	0.00
6:06	-63926880.9	###################	0	0.0	0.0	0.00
6:07	-63926881.9	###################	0	0.0	0.0	0.00
6:08	-63926882.9	###################	0	0.0	0.0	0.00
6:09	-63926883.9	###################	0	0.0	0.0	0.00
6:10	-63926884.9	###################	0	0.0	0.0	0.00
6:11	-63926885.9	###################	0	0.0	0.0	0.00
6:12	-63926886.9	###################	0	0.0	0.0	0.00
6:13	-63926887.9	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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6:14	-63926888.9	###################	0	0.0	0.0	0.00
6:15	-63926889.9	###################	0	0.0	0.0	0.00
6:16	-63926890.9	###################	0	0.0	0.0	0.00
6:17	-63926891.9	###################	0	0.0	0.0	0.00
6:18	-63926892.9	###################	0	0.0	0.0	0.00
6:19	-63926893.9	###################	0	0.0	0.0	0.00
6:20	-63926894.9	###################	0	0.0	0.0	0.00
6:21	-63926895.9	###################	0	0.0	0.0	0.00
6:22	-63926896.9	###################	0	0.0	0.0	0.00
6:23	-63926897.9	###################	0	0.0	0.0	0.00
6:24	-63926898.9	###################	0	0.0	0.0	0.00
6:25	-63926899.9	###################	0	0.0	0.0	0.00
6:26	-63926900.9	###################	0	0.0	0.0	0.00
6:27	-63926901.9	###################	0	0.0	0.0	0.00
6:28	-63926902.9	###################	0	0.0	0.0	0.00
6:29	-63926903.9	###################	0	0.0	0.0	0.00
6:30	-63926904.9	###################	0	0.0	0.0	0.00
6:31	-63926905.9	###################	0	0.0	0.0	0.00
6:32	-63926906.9	###################	0	0.0	0.0	0.00
6:33	-63926907.9	###################	0	0.0	0.0	0.00
6:34	-63926908.9	###################	0	0.0	0.0	0.00
6:35	-63926909.9	###################	0	0.0	0.0	0.00
6:36	-63926910.9	###################	0	0.0	0.0	0.00
6:37	-63926911.9	###################	0	0.0	0.0	0.00
6:38	-63926912.9	###################	0	0.0	0.0	0.00
6:39	-63926913.9	###################	0	0.0	0.0	0.00
6:40	-63926914.9	###################	0	0.0	0.0	0.00
6:41	-63926915.9	###################	0	0.0	0.0	0.00
6:42	-63926916.9	###################	0	0.0	0.0	0.00
6:43	-63926917.9	###################	0	0.0	0.0	0.00
6:44	-63926918.9	###################	0	0.0	0.0	0.00
6:45	-63926919.9	###################	0	0.0	0.0	0.00
6:46	-63926920.9	###################	0	0.0	0.0	0.00
6:47	-63926921.9	###################	0	0.0	0.0	0.00
6:48	-63926922.9	###################	0	0.0	0.0	0.00
6:49	-63926923.9	###################	0	0.0	0.0	0.00
6:50	-63926924.9	###################	0	0.0	0.0	0.00
6:51	-63926925.9	###################	0	0.0	0.0	0.00
6:52	-63926926.9	###################	0	0.0	0.0	0.00
6:53	-63926927.9	###################	0	0.0	0.0	0.00
6:54	-63926928.9	###################	0	0.0	0.0	0.00
6:55	-63926929.9	###################	0	0.0	0.0	0.00
6:56	-63926930.9	###################	0	0.0	0.0	0.00
6:57	-63926931.9	###################	0	0.0	0.0	0.00
6:58	-63926932.9	###################	0	0.0	0.0	0.00
6:59	-63926933.9	###################	0	0.0	0.0	0.00
7:00	-63926934.9	###################	0	0.0	0.0	0.00

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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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7:01	-63926935.9	###################	0	0.0	0.0	0.00
7:02	-63926936.9	###################	0	0.0	0.0	0.00
7:03	-63926937.9	###################	0	0.0	0.0	0.00
7:04	-63926938.9	###################	0	0.0	0.0	0.00
7:05	-63926939.9	###################	0	0.0	0.0	0.00
7:06	-63926940.9	###################	0	0.0	0.0	0.00
7:07	-63926941.9	###################	0	0.0	0.0	0.00
7:08	-63926942.9	###################	0	0.0	0.0	0.00
7:09	-63926943.9	###################	0	0.0	0.0	0.00
7:10	-63926944.9	###################	0	0.0	0.0	0.00
7:11	-63926945.9	###################	0	0.0	0.0	0.00
7:12	-63926946.9	###################	0	0.0	0.0	0.00
7:13	-63926947.9	###################	0	0.0	0.0	0.00
7:14	-63926948.9	###################	0	0.0	0.0	0.00
7:15	-63926949.9	###################	0	0.0	0.0	0.00
7:16	-63926950.9	###################	0	0.0	0.0	0.00
7:17	-63926951.9	###################	0	0.0	0.0	0.00
7:18	-63926952.9	###################	0	0.0	0.0	0.00
7:19	-63926953.9	###################	0	0.0	0.0	0.00
7:20	-63926954.9	###################	0	0.0	0.0	0.00
7:21	-63926955.9	###################	0	0.0	0.0	0.00
7:22	-63926956.9	###################	0	0.0	0.0	0.00
7:23	-63926957.9	###################	0	0.0	0.0	0.00
7:24	-63926958.9	###################	0	0.0	0.0	0.00
7:25	-63926959.9	###################	0	0.0	0.0	0.00
7:26	-63926960.9	###################	0	0.0	0.0	0.00
7:27	-63926961.9	###################	0	0.0	0.0	0.00
7:28	-63926962.9	###################	0	0.0	0.0	0.00
7:29	-63926963.9	###################	0	0.0	0.0	0.00
7:30	-63926964.9	###################	0	0.0	0.0	0.00
7:31	-63926965.9	###################	0	0.0	0.0	0.00
7:32	-63926966.9	###################	0	0.0	0.0	0.00
7:33	-63926967.9	###################	0	0.0	0.0	0.00
7:34	-63926968.9	###################	0	0.0	0.0	0.00
7:35	-63926969.9	###################	0	0.0	0.0	0.00
7:36	-63926970.9	###################	0	0.0	0.0	0.00
7:37	-63926971.9	###################	0	0.0	0.0	0.00
7:38	-63926972.9	###################	0	0.0	0.0	0.00
7:39	-63926973.9	###################	0	0.0	0.0	0.00
7:40	-63926974.9	###################	0	0.0	0.0	0.00
7:41	-63926975.9	###################	0	0.0	0.0	0.00
7:42	-63926976.9	###################	0	0.0	0.0	0.00
7:43	-63926977.9	###################	0	0.0	0.0	0.00
7:44	-63926978.9	###################	0	0.0	0.0	0.00
7:45	-63926979.9	###################	0	0.0	0.0	0.00
7:46	-63926980.9	###################	0	0.0	0.0	0.00
7:47	-63926981.9	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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7:48	-63926982.9	###################	0	0.0	0.0	0.00
7:49	-63926983.9	###################	0	0.0	0.0	0.00
7:50	-63926984.9	###################	0	0.0	0.0	0.00
7:51	-63926985.9	###################	0	0.0	0.0	0.00
7:52	-63926986.9	###################	0	0.0	0.0	0.00
7:53	-63926987.9	###################	0	0.0	0.0	0.00
7:54	-63926988.9	###################	0	0.0	0.0	0.00
7:55	-63926989.9	###################	0	0.0	0.0	0.00
7:56	-63926990.9	###################	0	0.0	0.0	0.00
7:57	-63926991.9	###################	0	0.0	0.0	0.00
7:58	-63926992.9	###################	0	0.0	0.0	0.00
7:59	-63926993.9	###################	0	0.0	0.0	0.00
8:00	-63926994.9	###################	0	0.0	0.0	0.00
8:01	-63926995.9	###################	0	0.0	0.0	0.00
8:02	-63926996.9	###################	0	0.0	0.0	0.00
8:03	-63926997.9	###################	0	0.0	0.0	0.00
8:04	-63926998.9	###################	0	0.0	0.0	0.00
8:05	-63926999.9	###################	0	0.0	0.0	0.00
8:06	-63927000.9	###################	0	0.0	0.0	0.00
8:07	-63927001.9	###################	0	0.0	0.0	0.00
8:08	-63927002.9	###################	0	0.0	0.0	0.00
8:09	-63927003.9	###################	0	0.0	0.0	0.00
8:10	-63927004.9	###################	0	0.0	0.0	0.00
8:11	-63927005.9	###################	0	0.0	0.0	0.00
8:12	-63927006.9	###################	0	0.0	0.0	0.00
8:13	-63927007.9	###################	0	0.0	0.0	0.00
8:14	-63927008.9	###################	0	0.0	0.0	0.00
8:15	-63927009.9	###################	0	0.0	0.0	0.00
8:16	-63927010.9	###################	0	0.0	0.0	0.00
8:17	-63927011.9	###################	0	0.0	0.0	0.00
8:18	-63927012.9	###################	0	0.0	0.0	0.00
8:19	-63927013.9	###################	0	0.0	0.0	0.00
8:20	-63927014.9	###################	0	0.0	0.0	0.00
8:21	-63927015.9	###################	0	0.0	0.0	0.00
8:22	-63927016.9	###################	0	0.0	0.0	0.00
8:23	-63927017.9	###################	0	0.0	0.0	0.00
8:24	-63927018.9	###################	0	0.0	0.0	0.00
8:25	-63927019.9	###################	0	0.0	0.0	0.00
8:26	-63927020.9	###################	0	0.0	0.0	0.00
8:27	-63927021.9	###################	0	0.0	0.0	0.00
8:28	-63927022.9	###################	0	0.0	0.0	0.00
8:29	-63927023.9	###################	0	0.0	0.0	0.00
8:30	-63927024.9	###################	0	0.0	0.0	0.00
8:31	-63927025.9	###################	0	0.0	0.0	0.00
8:32	-63927026.9	###################	0	0.0	0.0	0.00
8:33	-63927027.9	###################	0	0.0	0.0	0.00
8:34	-63927028.9	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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8:35	-63927029.9	###################	0	0.0	0.0	0.00
8:36	-63927030.9	###################	0	0.0	0.0	0.00
8:37	-63927032.0	###################	0	0.0	0.0	0.00
8:38	-63927033.0	###################	0	0.0	0.0	0.00
8:39	-63927034.0	###################	0	0.0	0.0	0.00
8:40	-63927035.0	###################	0	0.0	0.0	0.00
8:41	-63927036.0	###################	0	0.0	0.0	0.00
8:42	-63927037.0	###################	0	0.0	0.0	0.00
8:43	-63927038.0	###################	0	0.0	0.0	0.00
8:44	-63927039.0	###################	0	0.0	0.0	0.00
8:45	-63927040.0	###################	0	0.0	0.0	0.00
8:46	-63927041.0	###################	0	0.0	0.0	0.00
8:47	-63927042.0	###################	0	0.0	0.0	0.00
8:48	-63927043.0	###################	0	0.0	0.0	0.00
8:49	-63927044.0	###################	0	0.0	0.0	0.00
8:50	-63927045.0	###################	0	0.0	0.0	0.00
8:51	-63927046.0	###################	0	0.0	0.0	0.00
8:52	-63927047.0	###################	0	0.0	0.0	0.00
8:53	-63927048.0	###################	0	0.0	0.0	0.00
8:54	-63927049.0	###################	0	0.0	0.0	0.00
8:55	-63927050.0	###################	0	0.0	0.0	0.00
8:56	-63927051.0	###################	0	0.0	0.0	0.00
8:57	-63927052.0	###################	0	0.0	0.0	0.00
8:58	-63927053.0	###################	0	0.0	0.0	0.00
8:59	-63927054.0	###################	0	0.0	0.0	0.00
9:00	-63927055.0	###################	0	0.0	0.0	0.00
9:01	-63927056.0	###################	0	0.0	0.0	0.00
9:02	-63927057.0	###################	0	0.0	0.0	0.00
9:03	-63927058.0	###################	0	0.0	0.0	0.00
9:04	-63927059.0	###################	0	0.0	0.0	0.00
9:05	-63927060.0	###################	0	0.0	0.0	0.00
9:06	-63927061.0	###################	0	0.0	0.0	0.00
9:07	-63927062.0	###################	0	0.0	0.0	0.00
9:08	-63927063.0	###################	0	0.0	0.0	0.00
9:09	-63927064.0	###################	0	0.0	0.0	0.00
9:10	-63927065.0	###################	0	0.0	0.0	0.00
9:11	-63927066.0	###################	0	0.0	0.0	0.00
9:12	-63927067.0	###################	0	0.0	0.0	0.00
9:13	-63927068.0	###################	0	0.0	0.0	0.00
9:14	-63927069.0	###################	0	0.0	0.0	0.00
9:15	-63927070.0	###################	0	0.0	0.0	0.00
9:16	-63927071.0	###################	0	0.0	0.0	0.00
9:17	-63927072.0	###################	0	0.0	0.0	0.00
9:18	-63927073.0	###################	0	0.0	0.0	0.00
9:19	-63927074.0	###################	0	0.0	0.0	0.00
9:20	-63927075.0	###################	0	0.0	0.0	0.00
9:21	-63927076.0	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
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9:22	-63927077.0	###################	0	0.0	0.0	0.00
9:23	-63927078.0	###################	0	0.0	0.0	0.00
9:24	-63927079.0	###################	0	0.0	0.0	0.00
9:25	-63927080.0	###################	0	0.0	0.0	0.00
9:26	-63927081.0	###################	0	0.0	0.0	0.00
9:27	-63927082.0	###################	0	0.0	0.0	0.00
9:28	-63927083.0	###################	0	0.0	0.0	0.00
9:29	-63927084.0	###################	0	0.0	0.0	0.00
9:30	-63927085.0	###################	0	0.0	0.0	0.00
9:31	-63927086.0	###################	0	0.0	0.0	0.00
9:32	-63927087.0	###################	0	0.0	0.0	0.00
9:33	-63927088.0	###################	0	0.0	0.0	0.00
9:34	-63927089.0	###################	0	0.0	0.0	0.00
9:35	-63927090.0	###################	0	0.0	0.0	0.00
9:36	-63927091.0	###################	0	0.0	0.0	0.00
9:37	-63927092.0	###################	0	0.0	0.0	0.00
9:38	-63927093.0	###################	0	0.0	0.0	0.00
9:39	-63927094.0	###################	0	0.0	0.0	0.00
9:40	-63927095.0	###################	0	0.0	0.0	0.00
9:41	-63927096.0	###################	0	0.0	0.0	0.00
9:42	-63927097.0	###################	0	0.0	0.0	0.00
9:43	-63927098.0	###################	0	0.0	0.0	0.00
9:44	-63927099.0	###################	0	0.0	0.0	0.00
9:45	-63927100.0	###################	0	0.0	0.0	0.00
9:46	-63927101.0	###################	0	0.0	0.0	0.00
9:47	-63927102.0	###################	0	0.0	0.0	0.00
9:48	-63927103.0	###################	0	0.0	0.0	0.00
9:49	-63927104.0	###################	0	0.0	0.0	0.00
9:50	-63927105.0	###################	0	0.0	0.0	0.00
9:51	-63927106.0	###################	0	0.0	0.0	0.00
9:52	-63927107.0	###################	0	0.0	0.0	0.00
9:53	-63927108.0	###################	0	0.0	0.0	0.00
9:54	-63927109.0	###################	0	0.0	0.0	0.00

0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0
0.00	0.000	0.00	0.0	0	0.00	0.000	0.00	0.0	0.00	0.00	0

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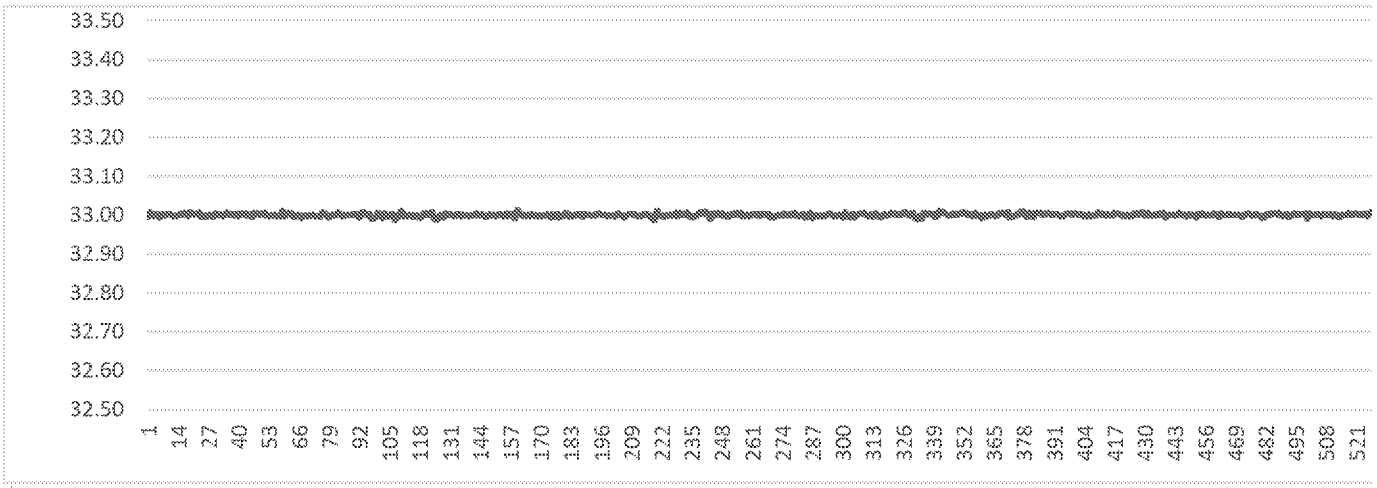
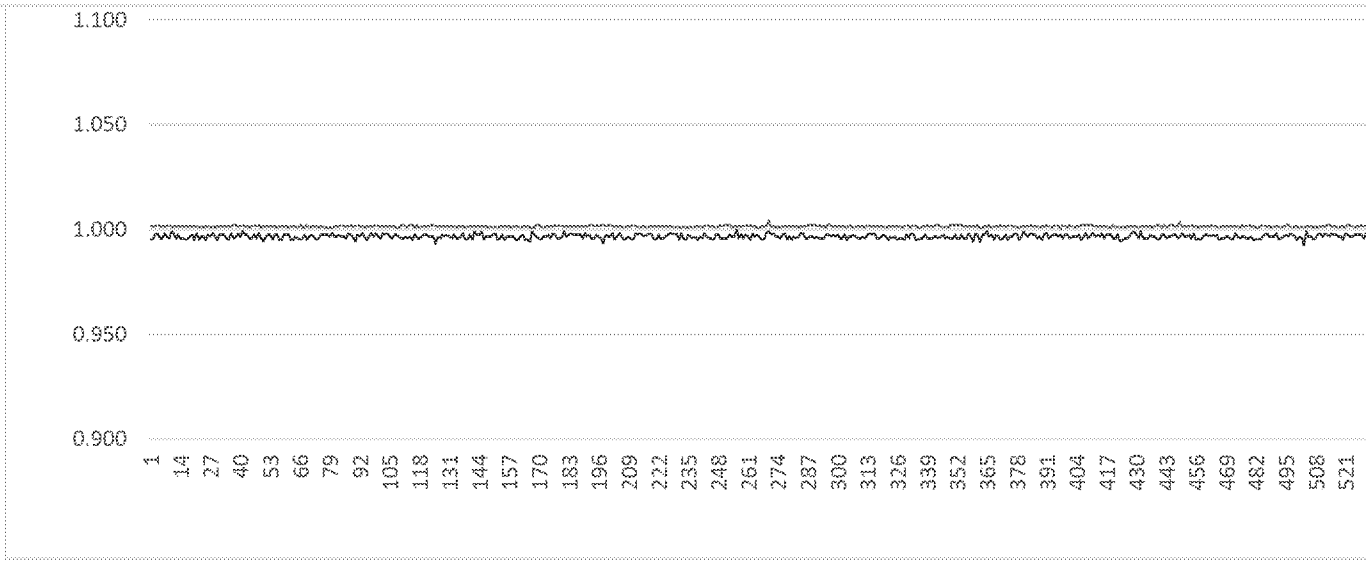
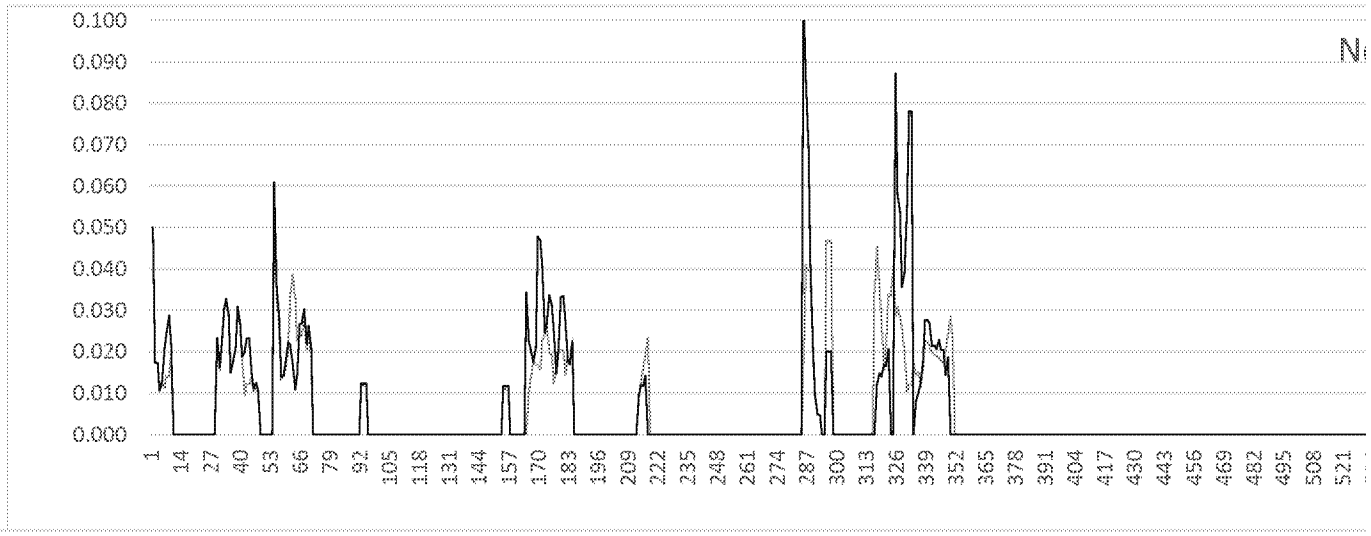
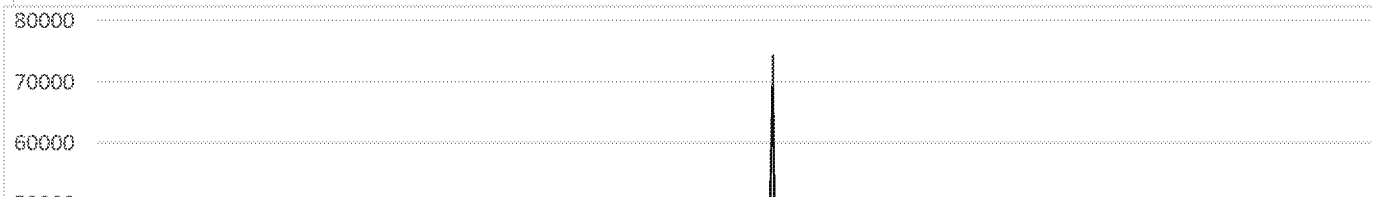
Cell: D2
Comment: If not 1.0, enter here.

Review these 3 plots to verify that Case T, Flows, and "Noise" parameters are within limits.

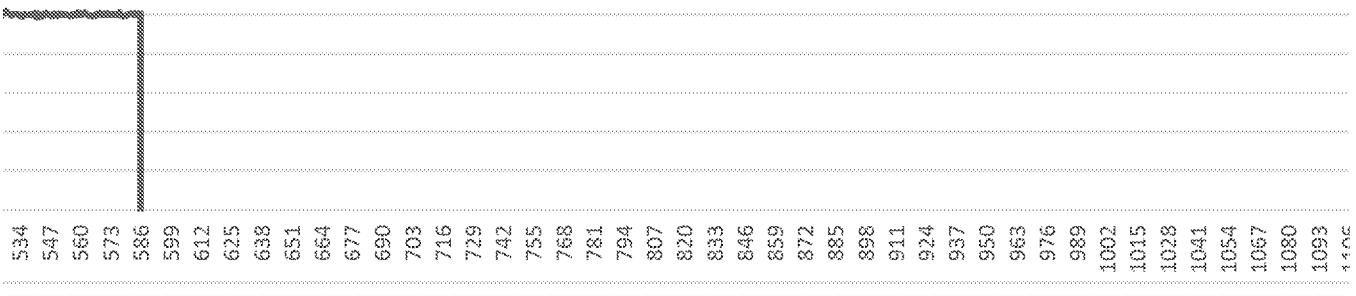




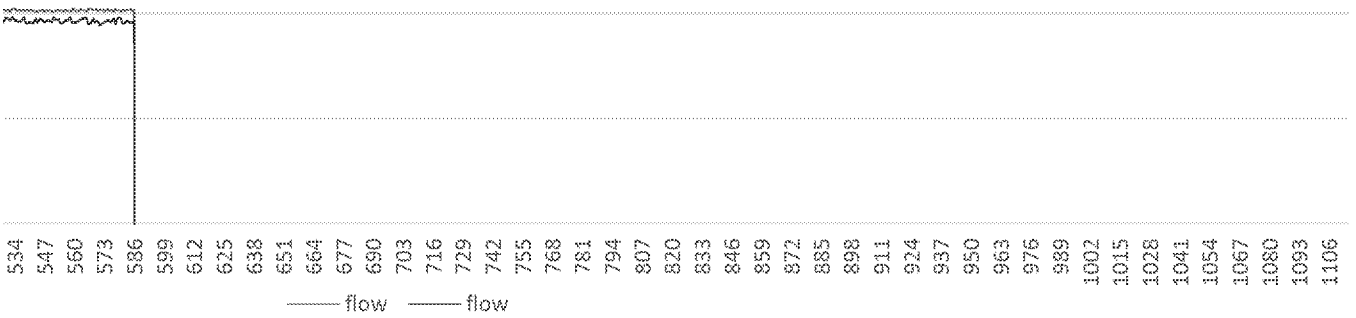




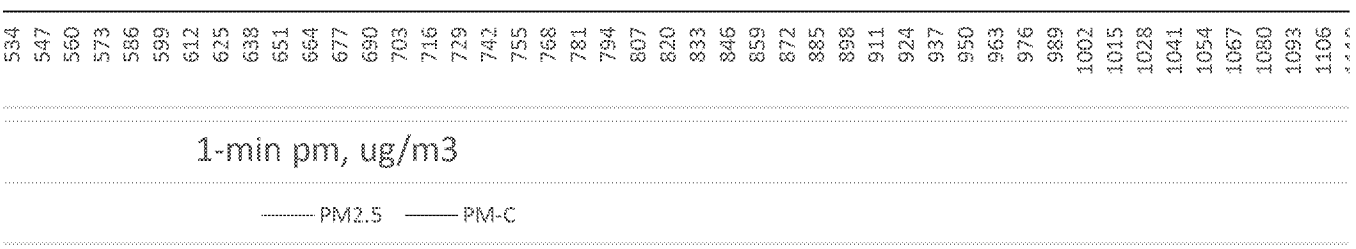
Case T: 32.9 to 33.1 Deg. C



PM2.5 and PM-Coarse Flows: 0.95 to 1.05 lpm



ormalized PM2.5 and PM-Coarse Noise: less than 0.10



1-min pm, ug/m3

PM2.5 PM-C

1106
1119
1132
1145
1158
1171
1184
1197
1210
1223
1236
1249
1262
1275
1288
1301
1314
1327
1340
1353
1366
1379
1392
1405
1418
1431
1119
1132
1145
1158
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1236
1249
1262
1275
1288
1301
1314
1327
1340
1353
1366
1379
1392
1405
1418
1431
pm2.5 noise
pm-c noise
1119
1132
1145
1158
1171
1184
1197
1210
1223
1236
1249
1262
1275
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1301
1314
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1340
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1379
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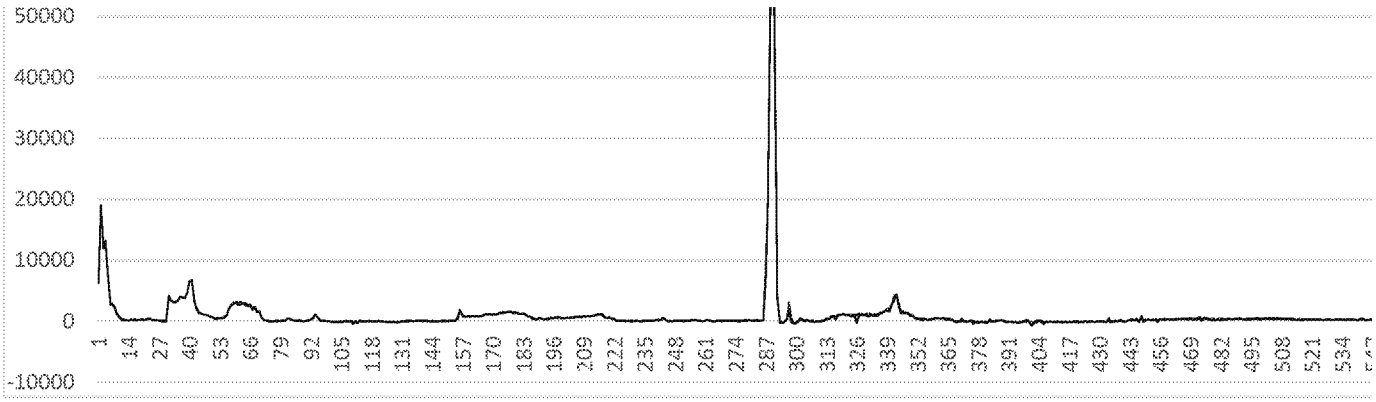
1418
1431


50000
40000
30000
20000
10000
0
-10000
1
14
27
40
53
66
79
92
105
118
131
144
157
170
183
196
209
222
235
248
261
274
287
300
313
326
339
352
365
378
391
404
417
430
443
456
469
482
495
508
521
534

547
560
573
586
599
612
625
638
651
664
677
690
703
716
729
742
755
768
781
794
807
820
833
846
859
872
885
898
911
924
937
950
963
976
989
1002
1015
1028
1041
1054
1067
1080
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1106
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1132
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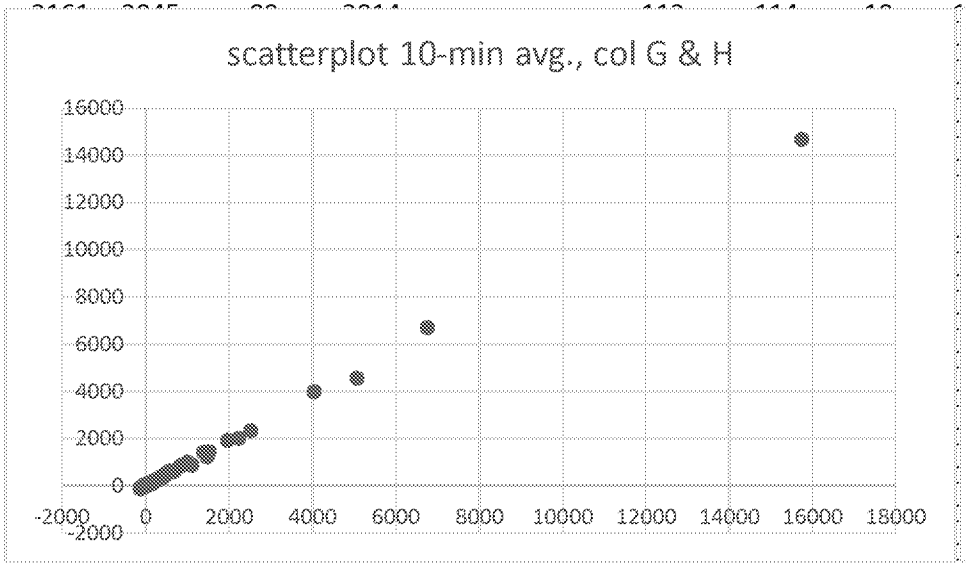
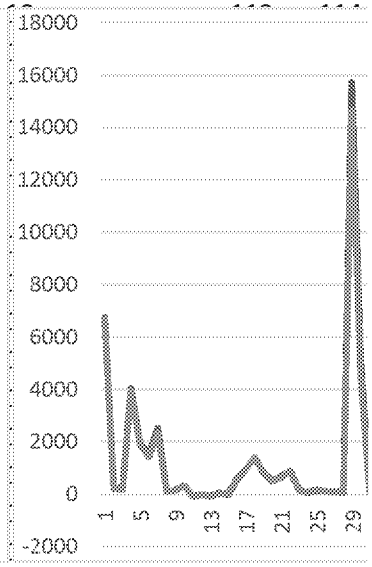
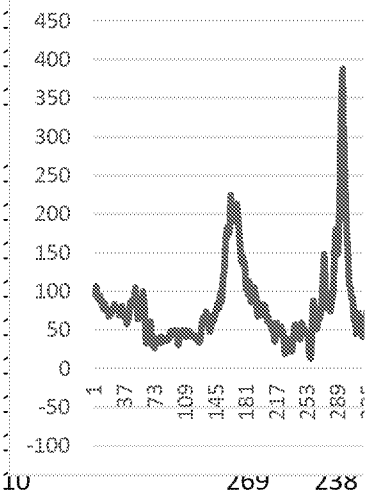
1431

Start Time	1-min PM2.5	1-min PM-c	Lab air PM	***1-min avg PM***	10-min average PM2.5	PM-c	PM2.5 count	PM-c count	avg: 10-min	989 PM2.5	932 PM-c
9:55	6323	6311	98	6218	6755	6699	10	10		6755	6699
9:56	18760	18953	97	18759	257	202	10	10		257	202
9:57	12051	11920	99	11887	225	175	10	10		225	175
9:58	13168	13144	98	13058	4029	3970	10	10		4029	3970
9:59	7495	7455	106	7369	1956	1921	10	10		1956	1921
10:00	2729	2692	92	2618	1524	1417	10	10		1524	1417
10:01	2934	2752	93	2750	2520	2329	10	10		2520	2329
10:02											
10:03											
10:04											
10:05											
10:06											
10:07											
10:08											
10:09											
10:10											
10:11											
10:12											
10:13											
10:14											
10:15											
10:16											
10:17	511	382	71	375	150	130	10				
10:18	253	224	77	161	53	70	10				
10:19	173	187	77	103	152	176	10				
10:20	244	197	83	138	98	112	10				
10:21	130	135	83	49	75	94	10				
10:22	62	15	78	-39	135	60	7				
10:23	53	-28	77	-64	15732	14669	10				
10:24	109	36	79	-6	5069	4554	10				
10:25	4184	3975	77	4002	118	70	10				
10:26	3505	3404	69	3385	675	596	10				
10:27	3104	3092	72	3026	1106	865	10				
10:28	3220	3172	73	3124	1463	1210	10				
10:29	3393	3327	80	3280	2230	1989	10				
10:30	3983	4062	74	3949	409	354	10				
10:31	3930	3849	72	3817	269	238	10	10		269	238
10:32	3751	3765	66	3692	-33	-51	10	10		-33	-51
10:33	4741	4695	71	4647	6	32	10	10		6	32
10:34	6478	6356	64	6353	-124	-85	10	10		-124	-85
10:35	6843	6695	58	6711	-136	-160	10	10		-136	-160
10:36	3191	3400	66	3230	-117	-86	10	10		-117	-86
10:37	2246	2119	65	2117	-85	-44	10	10		-85	-44
10:38	1442	1380	77	1334	-36	36	10	10		-36	36
10:39	1219	1204	85	1127	176	187	10	10		176	187

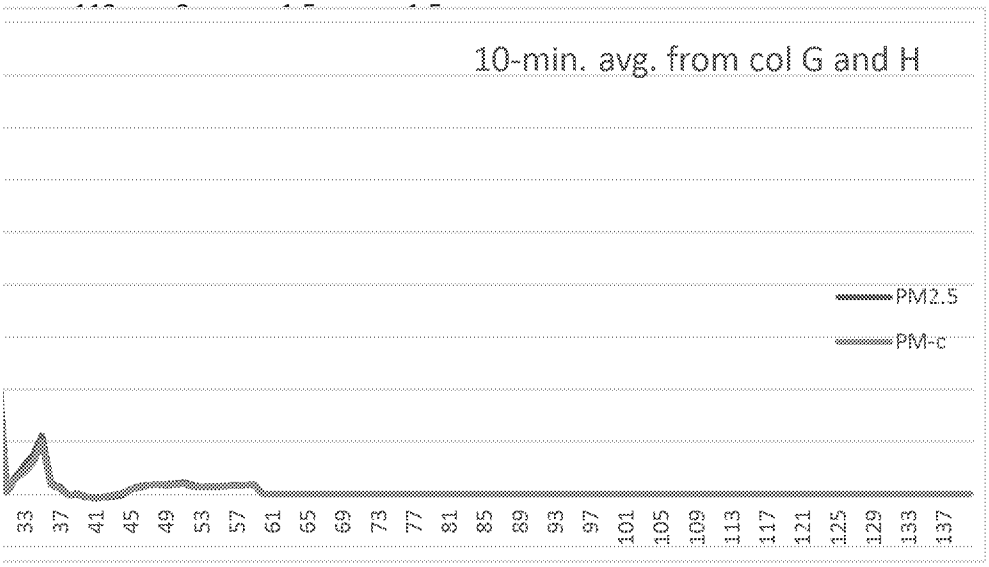


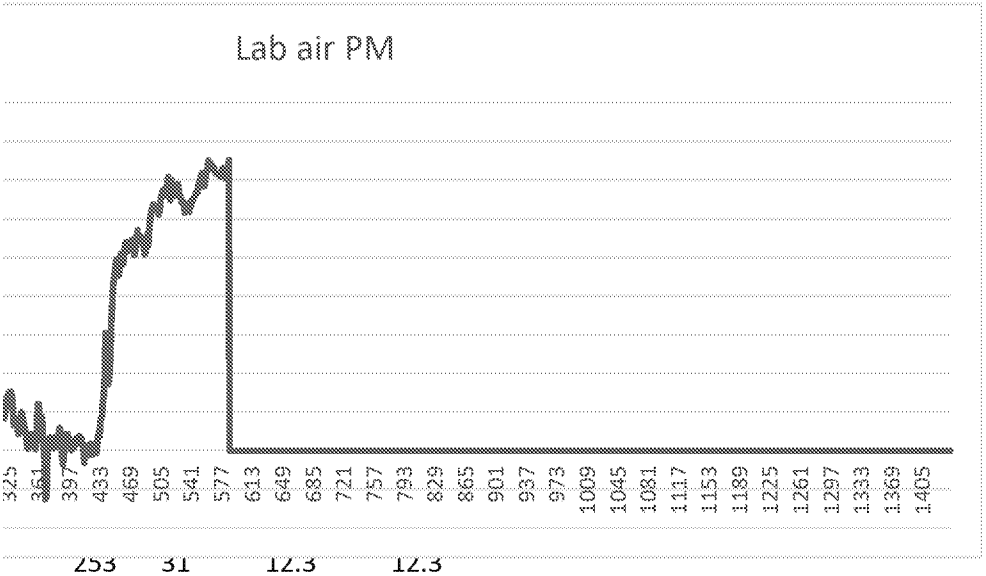




961	57		abs val	abs %d for
average	Diff	%d	%d	avg > 1000
6727	56	0.8	0.8	0.8
230	56	24.2	24.2	
200	50	25.2	25.2	
3999	59	1.5	1.5	1.5
1938	35	1.8	1.8	1.8
1470	107	7.3	7.3	7.3
2424	192	7.9	7.9	7.9

ratio of avg:	1.061	0.942
Slope:	1.064	0.939
Intercept:	-2	4
int/avg, %:	-0.2	0.4
R2:	0.999	
%d of avg:	**6.0**	**Pass**
% data capture	**99.15**	
3rd max %d:	**10.7**	





253	31	12.3	12.3
-42	18	-43.1	43.1
19	-26	-136.2	136.2
-105	-39	36.9	36.9
-148	25	-16.6	16.6
-102	-31	30.3	30.3
-64	-41	63.4	63.4
0	-72	103198.3	103198.3
181	-11	-5.9	5.9

10:40	1151	1101	81	1045		308	253	10	10	308	253
10:41	1075	1017	87	959		356	342	10	10	356	342
10:42	976	965	89	881		363	376	10	10	363	376
10:43	774	687	87	644		385	324	10	10	385	324
10:44	643	637	89	552		395	369	10	10	395	369
10:45	463	345	105	299		459	403	10	10	459	403
10:46	499	372	97	339		340	304	10	10	340	304
10:47	542	459	72	428		286	277	10	10	286	277
10:48	602	551	64	512		289	282	10	10	289	282
10:49	803	636	65	654		293	264	10	10	293	264
10:50	1132	1040	66	1020		316	322	10	10	316	322
10:51	2180	2072	71	2055		350	315	10	10	350	315
10:52	2750	2662	73	2633		354	359	10	10	354	359
10:53	3134	2968	85	2965		363	343	6	6		
10:54	3130	3063	100	2996	#DIV/0!		#DIV/0!	0	0		
10:55	3150	2657	91	2812	#DIV/0!		#DIV/0!	0	0		
10:56	3094	2868	70	2911	#DIV/0!		#DIV/0!	0	0		
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10:59	2679	2528	33	2571	#DIV/0!		#DIV/0!	0	0		
11:00	2684	2591	33	2604	#DIV/0!		#DIV/0!	0	0		
11:01	2201	1897	39	2009	#DIV/0!		#DIV/0!	0	0		
11:02	2352	2144	43	2205	#DIV/0!		#DIV/0!	0	0		
11:03	1544	1474	61	1448	#DIV/0!		#DIV/0!	0	0		
11:04	1691	1527	47	1563	#DIV/0!		#DIV/0!	0	0		
11:05	627	615	35	586	#DIV/0!		#DIV/0!	0	0		
11:06	229	209	30	189	#DIV/0!		#DIV/0!	0	0		
11:07	87	58	29	43	#DIV/0!		#DIV/0!	0	0		
11:08	49	-1	27	-2	#DIV/0!		#DIV/0!	0	0		
11:09	-55	-1	35	-63	#DIV/0!		#DIV/0!	0	0		
11:10	-33	-22	38	-66	#DIV/0!		#DIV/0!	0	0		
11:11	14	55	34	1	#DIV/0!		#DIV/0!	0	0		
11:12	37	50	39	4	#DIV/0!		#DIV/0!	0	0		
11:13	95	15	37	17	#DIV/0!		#DIV/0!	0	0		
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11:18	149	144	36	110	#DIV/0!		#DIV/0!	0	0		
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11:23	-26	-55	36	-76	#DIV/0!		#DIV/0!	0	0		
11:24	107	117	37	75	#DIV/0!		#DIV/0!	0	0		
11:25	181	136	43	116	#DIV/0!		#DIV/0!	0	0		
11:26	339	275	45	263	#DIV/0!		#DIV/0!	0	0		

280	56	19.8	19.8
349	14	3.9	3.9
370	-14	-3.7	3.7
354	62	17.4	17.4
382	26	6.8	6.8
431	55	12.8	12.8
322	36	11.2	11.2
281	9	3.2	3.2
286	6	2.1	2.1
279	28	10.2	10.2
319	-6	-2.0	2.0
333	35	10.6	10.6
356	-5	-1.4	1.4

11:27	581	510	49	497	#DIV/0!	#DIV/0!	0	0
11:28	1160	1120	44	1096	#DIV/0!	#DIV/0!	0	0
11:29	520	598	46	513	#DIV/0!	#DIV/0!	0	0
11:30	177	143	48	112	#DIV/0!	#DIV/0!	0	0
11:31	128	87	47	61	#DIV/0!	#DIV/0!	0	0
11:32	83	60	49	22	#DIV/0!	#DIV/0!	0	0
11:33	-19	-16	46	-63	#DIV/0!	#DIV/0!	0	0
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11:35	-98	-261	36	-215	#DIV/0!	#DIV/0!	0	0
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11:37	-114	-117	37	-153	#DIV/0!	#DIV/0!	0	0
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11:40	-86	-64	44	-119	#DIV/0!	#DIV/0!	0	0
11:41	-33	90	49	-21	#DIV/0!	#DIV/0!	0	0
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Cell: E2
Comment: This is the final dataset, ug/m3

Cell: D3
Comment: Paste valid lab PM data here, ug/m3.

Cell: T5
Comment: These are run evaluation criteria.

Rev 0.90, 6/1/21 for use with the 21-05-28 version of NYSERDA DRAFT TEOM 1405-Dichot SOP.
G. Allen, NESCAUM

For up to 24 hours of 1405-Dichot 1-minute data, using parameter order as specified in the 1405-D SOP (as shown below)
See detailed instructions in TEOM SOP.

If RPComm is used for download, do not paste headers, and do not paste date column [just time].

Parameter order must be as shown here:
Time Stamp

SUMMARY OF INSTRUCTIONS:
Before pasting raw data, remove all data rows prior to the start of the test, leaving all the header rows [unless RPComm c

Trim the end of the data to remove all rows after the end of the test.
Enter pm-coarse flow setpoint in 1405 tab, cell B2 if not 1.00 lpm.
Enter lab air PM in column C of "1-min data and collo analysis" tab, and review in the Lab Air PM plot.

Notes:
Data with mode < 3 are automatically removed.
10-minute Average Results start in column J of 10-min tab.
All PM units are ug/m3, 68F and 29.92" Hg pressure, wet volume.
"reconstructed time" column A and B in 1405 tab is to detect any missing records.

, and downloaded with ePort, not RPComm.

Operating mode

download is used].

Note that the time in the raw data is "end of the minute" (not start), so remove up to and including the record with the ti

PM-2.5 raw MC PM-Coarse raw MC PM-2.5 total mass PM-Coarse total mass Case temperature

me of the test start.

Cap temperature PM-2.5 flow rate PM-2.5 air tube temp PM-2.5 TEOM filter load

PM-2.5 TEOM filter pressure PM-2.5 TEOM noise PM-2.5 TEOM frequency PM-Coarse flow rate

PM-Coarse air tube temp PM-Coarse TEOM filter load PM-Coarse TEOM noise PM-Coarse TEOM frequency

Vacuum pump pressure System status