Al 500mm 60k

position	0.125	position	0.25	position	0.5
time	T	time	T	time	T
0	293.15	0	293.15	0	293.15
5	292.1171	5	293.1282	5	293.15
10	290.2052	10	292.9438	10	293.1507
15	288.5376	15	292.597	15	293.1539
20	287.2418	20	292.1429	20	293.1661
25	286.2322	25	291.6377	25	293.1894
30	285.3328	30	291.1339	30	293.2213
35	284.6126	35	290.6323	35	293.2672
40	284.0022	40	290.1672	40	293.3288
45	283.5611	45	289.7581	45	293.4146
50	283.12	50	289.349	50	293.5003
55	282.6789	55	288.9399	55	293.5861
60	282.3022	60	288.572	60	293.6831
65	282.0146	65	288.2609	65	293.7957
70	281.7269	70	287.9499	70	293.9083
75	281.4392	75	287.6388	75	294.0209
80	281.2132	80	287.3895	80	294.1404
85	281.0637	85	287.217	85	294.2683
90	280.9142	90	287.0444	90	294.3962
95	280.7648	95	286.8719	95	294.5242
100	280.6153	100	286.6994	100	294.6521
105	280.4658	105	286.5269	105	294.78
110	280.3164	110	286.3544	110	294.908
115	280.1669	115	286.1818	115	295.0359
120	280.0544	120	286.0539	120	295.1623
125	279.979	125	285.971	125	295.2872
130	279.9037	130	285.8881	130	295.4121
135	279.8283	135	285.8052	135	295.537
140	279.753	140	285.7223	140	295.6619
145	279.6777	145	285.6394	145	295.7868
150	279.6023	150	285.5565	150	295.9117
155	279.527	155	285.4736	155	296.0366
160	279.4776	160	285.4246	160	296.1539
165	279.4494	165	285.4031	165	296.2649
170	279.4212	170	285.3817	170	296.376
175	279.3931	175	285.3603	175	296.4871
180	279.3649	180	285.3389	180	296.5981
185	279.3367	185	285.3175	185	296.7092
190	279.3085	190	285.2961	190	296.8203
195	279.2804	195	285.2747	195	296.9313
200	279.2522	200	285.2533	200	297.0424
205	279.224	205	285.2319	205	297.1535
210	279.2093	210	285.2279	210	297.2559
215	279.2054	215	285.2381	215	297.3514
220	279.2016	220	285.2483	220	297.4468
225	279.1978	225	285.2585	225	297.5423
230	279.194	230	285.2688	230	297.6377
235	279.1902	235	285.279	235	297.7332
240	279.1864	240	285.2892	240	297.8286

245	279.1826	245	285.2994	245	297.9241
250	279.1788	250	285.3096	250	298.0195
255	279.1749	255	285.3199	255	298.115
260	279.1777	260	285.3381	260	298.2024
265	279.1857	265	285.3628	265	298.2833
270	279.1938	270	285.3875	270	298.3641
275	279.2018	275	285.4122	275	298.445
280	279.2099	280	285.4369	280	298.5259
285	279.218	285	285.4616	285	298.6067
290	279.226	290	285.4863	290	298.6876
295	279.2341	295	285.511	295	298.7684
300	279.2421	300	285.5357	300	298.8493
305	279.2502	305	285.5604	305	298.9302
310	279.2611	310	285.588	310	299.004
315	279.2742	315	285.6179	315	299.0721
320	279.2874	320	285.6477	320	299.1401
325	279.3005	325	285.6776	325	299.2082
330	279.3137	330	285.7075	330	299.2763
335	279.3269	335	285.7374	335	299.3444
340	279.34	340	285.7673	340	299.4125
345	279.3532	345	285.7971	345	299.4805
350	279.3664	350	285.827	350	299.5486
355	279.3795	355	285.8569	355	299.6167
360	279.3935	360	285.887	360	299.6788
365	279.4082	365	285.9172	365	299.7359
370	279.4228	370	285.9474	370	299.7931
375	279.4375	375	285.9776	375	299.8503
380	279.4521	380	286.0079	380	299.9074
385	279.4668	385	286.0381	385	299.9646
390	279.4815	390	286.0683	390	300.0218
395	279.4961	395	286.0985	395	300.0789
400	279.5108	400	286.1288	400	300.1361
405	279.5255	405	286.159	405	300.1933
410	279.5402	410	286.1889	410	300.2484
415	279.5549	415	286.2186	415	300.3014
420	279.5697	420	286.2482	420	300.3536
425	279.5845	425	286.2777	425	300.4051
430	279.5993	430	286.3071	430	300.456
435	279.6142	435	286.3364	435	300.5061
440	279.629	440	286.3656	440	300.5556
445	279.6439	445	286.3947	445	300.6043
450	279.6588	450	286.4238	450	300.6524
455	279.6736	455	286.4527	455	300.6997
460	279.6883	460	286.4811	460	300.7463
465	279.7026	465	286.5089	465	300.7921
470	279.7168	470	286.5365	470	300.8371
475	279.7309	475	286.5639	475	300.8814
480	279.745	480	286.591	480	300.925
485	279.759	485	286.6179	485	300.9678
490	279.7728	490	286.6445	490	301.0099
495	279.7866	495	286.6709	495	301.0513
500	279.8003	500	286.697	500	301.0919

Al 500mm 70k

position	0.75	position	0.125	position	0.25
time	T	time	T	time	T
0	293.15	0	293.15	0	293.15
5	293.1935	5	292.1337	5	293.1335
10	293.5613	10	290.1734	10	292.9585
15	294.2529	15	288.4725	15	292.6163
20	295.1581	20	287.2339	20	292.1427
25	296.1651	25	286.1324	25	291.6444
30	297.1702	30	285.2807	30	291.1267
35	298.1722	35	284.5955	35	290.6433
40	299.1087	40	284.0538	40	290.1895
45	299.9443	45	283.512	45	289.7357
50	300.7799	50	283.0175	50	289.3053
55	301.6155	55	282.6523	55	288.9389
60	302.3799	60	282.2871	60	288.5726
65	303.046	65	281.9219	65	288.2062
70	303.7121	70	281.7209	70	287.9852
75	304.3782	75	281.5203	75	287.7645
80	304.9434	80	281.3196	80	287.5437
85	305.3832	85	281.1189	85	287.3229
90	305.823	90	280.9182	90	287.1022
95	306.2627	95	280.7175	95	286.8814
100	306.7025	100	280.5591	100	286.709
105	307.1423	105	280.4505	105	286.5934
110	307.582	110	280.3418	110	286.4779
115	308.0218	115	280.2332	115	286.3624
120	308.3898	120	280.1245	120	286.2468
125	308.6855	125	280.0158	125	286.1313
130	308.9812	130	279.9072	130	286.0157
135	309.2768	135	279.8629	135	285.9832
140	309.5725	140	279.8242	140	285.9578
145	309.8682	145	279.7855	145	285.9325
150	310.1639	150	279.7468	150	285.9071
155	310.4596	155	279.7081	155	285.8818
160	310.6979	160	279.6694	160	285.8564
165	310.8894	165	279.6307	165	285.831
170	311.0809	170	279.592	170	285.8057
175	311.2725	175	279.5533	175	285.7803
180	311.464	180	279.5146	180	285.755
185	311.6555	185	279.5093	185	285.773
190	311.847	190	279.5069	190	285.7948
195	312.0385	195	279.5045	195	285.8166
200	312.23	200	279.5021	200	285.8384
205	312.4215	205	279.4997	205	285.8602
210	312.5788	210	279.4973	210	285.882
215	312.7082	215	279.4949	215	285.9038
220	312.8376	220	279.4926	220	285.9257
225	312.967	225	279.4902	225	285.9475
230	313.0964	230	279.4878	230	285.9693
235	313.2258	235	279.5016	235	286.0109
240	313.3552	240	279.5169	240	286.0542

245	313.4846	245	279.5322	245	286.0975
250	313.614	250	279.5475	250	286.1408
255	313.7434	255	279.5628	255	286.1841
260	313.8519	260	279.578	260	286.2274
265	313.9432	265	279.5933	265	286.2707
270	314.0346	270	279.6086	270	286.314
275	314.1259	275	279.6239	275	286.3574
280	314.2173	280	279.6391	280	286.4007
285	314.3086	285	279.6613	285	286.4507
290	314.3999	290	279.684	290	286.5014
295	314.4913	295	279.7068	295	286.552
300	314.5826	300	279.7295	300	286.6027
305	314.674	305	279.7523	305	286.6533
310	314.752	310	279.775	310	286.704
315	314.819	315	279.7978	315	286.7547
320	314.8861	320	279.8205	320	286.8053
325	314.9532	325	279.8433	325	286.856
330	315.0203	330	279.866	330	286.9066
335	315.0873	335	279.8906	335	286.9572
340	315.1544	340	279.9153	340	287.0078
345	315.2215	345	279.9401	345	287.0585
350	315.2886	350	279.9648	350	287.1091
355	315.3556	355	279.9896	355	287.1597
360	315.4138	360	280.0143	360	287.2103
365	315.4648	365	280.0391	365	287.2609
370	315.5157	370	280.0638	370	287.3115
375	315.5667	375	280.0886	375	287.3621
380	315.6176	380	280.1133	380	287.4127
385	315.6685	385	280.138	385	287.4624
390	315.7195	390	280.1627	390	287.5117
395	315.7704	395	280.1873	395	287.5609
400	315.8214	400	280.2119	400	287.6098
405	315.8723	405	280.2366	405	287.6586
410	315.9206	410	280.2612	410	287.7071
415	315.966	415	280.2857	415	287.7555
420	316.0106	420	280.3103	420	287.8036
425	316.0542	425	280.3349	425	287.8516
430	316.0969	430	280.3594	430	287.8994
435	316.1387	435	280.3834	435	287.946
440	316.1796	440	280.4071	440	287.9921
445	316.2195	445	280.4308	445	288.0378
450	316.2586	450	280.4543	450	288.0832
455	316.2968	455	280.4776	455	288.1282
460	316.3343	460	280.5009	460	288.1727
465	316.3714	465	280.524	465	288.2169
470	316.4076	470	280.547	470	288.2607
475	316.4431	475	280.5698	475	288.3041
480	316.4777	480	280.5925	480	288.3471
485	316.5116	485	280.6146	485	288.389
490	316.5446	490	280.6364	490	288.4303
495	316.5769	495	280.6579	495	288.471
500	316.6084	500	280.6792	500	288.5113

Al 500mm 80k

position	0.5	position	0.75	position	0.125
time	T	time	T	time	T
0	293.15	0	293.15	0	293.15
5	293.15	5	293.1912	5	292.1461
10	293.1506	10	293.6278	10	290.1446
15	293.1541	15	294.4816	15	288.5049
20	293.1732	20	295.6625	20	287.1726
25	293.2001	25	296.9048	25	286.1334
30	293.2486	30	298.1966	30	285.3077
35	293.3268	35	299.4127	35	284.6482
40	293.4306	40	300.5638	40	283.9888
45	293.5344	45	301.715	45	283.4847
50	293.6501	50	302.8162	50	283.0306
55	293.7982	55	303.7812	55	282.5764
60	293.9462	60	304.7463	60	282.314
65	294.0943	65	305.7113	65	282.054
70	294.2806	70	306.3913	70	281.794
75	294.4669	75	307.0708	75	281.534
80	294.6533	80	307.7503	80	281.274
85	294.8396	85	308.4299	85	281.0635
90	295.026	90	309.1094	90	280.9138
95	295.2123	95	309.7889	95	280.7641
100	295.4023	100	310.3784	100	280.6145
105	295.5966	105	310.8618	105	280.4648
110	295.7909	110	311.3452	110	280.3151
115	295.9852	115	311.8286	115	280.2533
120	296.1795	120	312.312	120	280.2001
125	296.3738	125	312.7953	125	280.1469
130	296.5681	130	313.2787	130	280.0937
135	296.7481	135	313.6048	135	280.0405
140	296.9269	140	313.9173	140	279.9874
145	297.1058	145	314.2298	145	279.9342
150	297.2846	150	314.5423	150	279.881
155	297.4634	155	314.8548	155	279.8278
160	297.6422	160	315.1673	160	279.7746
165	297.8211	165	315.4798	165	279.7673
170	297.9999	170	315.7923	170	279.7644
175	298.1787	175	316.1048	175	279.7615
180	298.3575	180	316.4173	180	279.7587
185	298.5153	185	316.6363	185	279.7558
190	298.6712	190	316.8473	190	279.7529
195	298.8272	195	317.0582	195	279.7501
200	298.9831	200	317.2692	200	279.7472
205	299.139	205	317.4802	205	279.7443
210	299.295	210	317.6911	210	279.7415
215	299.4509	215	317.9021	215	279.7611
220	299.6069	220	318.113	220	279.783
225	299.7628	225	318.324	225	279.8048
230	299.9187	230	318.5349	230	279.8267
235	300.0534	235	318.6889	235	279.8485
240	300.1863	240	318.838	240	279.8704

245	300.3192	245	318.9871	245	279.8922
250	300.4521	250	319.1361	250	279.9141
255	300.585	255	319.2852	255	279.9359
260	300.7179	260	319.4343	260	279.9578
265	300.8508	265	319.5834	265	279.9893
270	300.9837	270	319.7324	270	280.0217
275	301.1166	275	319.8815	275	280.0541
280	301.2494	280	320.0306	280	280.0865
285	301.3633	285	320.1434	285	280.1189
290	301.4754	290	320.2531	290	280.1513
295	301.5876	295	320.3628	295	280.1838
300	301.6998	300	320.4725	300	280.2162
305	301.8119	305	320.5822	305	280.2486
310	301.9241	310	320.6919	310	280.281
315	302.0363	315	320.8016	315	280.3161
320	302.1484	320	320.9113	320	280.3514
325	302.2606	325	321.021	325	280.3867
330	302.3728	330	321.1307	330	280.422
335	302.4685	335	321.2163	335	280.4573
340	302.5628	340	321.2998	340	280.4926
345	302.6571	345	321.3833	345	280.5279
350	302.7514	350	321.4668	350	280.5633
355	302.8456	355	321.5503	355	280.5986
360	302.9399	360	321.6338	360	280.6339
365	303.0342	365	321.7172	365	280.6691
370	303.1285	370	321.8007	370	280.7043
375	303.2228	375	321.8842	375	280.7395
380	303.3171	380	321.9677	380	280.7747
385	303.406	385	322.0444	385	280.8098
390	303.4933	390	322.1191	390	280.845
395	303.5795	395	322.1925	395	280.8801
400	303.6647	400	322.2645	400	280.9152
405	303.7488	405	322.3351	405	280.9503
410	303.8318	410	322.4044	410	280.9854
415	303.9137	415	322.4723	415	281.0196
420	303.9945	420	322.5388	420	281.0536
425	304.0743	425	322.604	425	281.0873
430	304.1529	430	322.6678	430	281.1209
435	304.2297	435	322.7301	435	281.1544
440	304.3052	440	322.7911	440	281.1876
445	304.3794	445	322.8506	445	281.2207
450	304.4524	450	322.9088	450	281.2535
455	304.5241	455	322.9656	455	281.2862
460	304.5946	460	323.021	460	281.3187
465	304.6639	465	323.075	465	281.3503
470	304.7319	470	323.1276	470	281.3815
475	304.7987	475	323.1789	475	281.4123
480	304.8642	480	323.2287	480	281.4428
485	304.9287	485	323.2783	485	281.4729
490	304.9921	490	323.3268	490	281.5028
495	305.0542	495	323.3741	495	281.5323
500	305.1151	500	323.4203	500	281.5614

position	0.25	position	0.5	position	0.75
time	T	time	T	time	T
0	293.15	0	293.15	0	293.15
5	293.1362	5	293.15	5	293.1914
10	292.9728	10	293.1505	10	293.6808
15	292.6107	15	293.1577	15	294.7652
20	292.1509	20	293.1753	20	296.1411
25	291.6408	25	293.2153	25	297.6672
30	291.1404	30	293.2912	30	299.1728
35	290.6529	35	293.3973	35	300.6467
40	290.1655	40	293.5035	40	302.1206
45	289.7316	45	293.6546	45	303.4588
50	289.3148	50	293.8201	50	304.7535
55	288.898	55	293.9856	55	306.0482
60	288.6238	60	294.2167	60	307.0128
65	288.3513	65	294.4485	65	307.9733
70	288.0788	70	294.6804	70	308.9338
75	287.8063	75	294.9122	75	309.8943
80	287.5338	80	295.1441	80	310.8548
85	287.3133	85	295.3877	85	311.7036
90	287.1567	90	295.6458	90	312.4155
95	287.0001	95	295.9038	95	313.1273
100	286.8435	100	296.1619	100	313.8392
105	286.6868	105	296.42	105	314.5511
110	286.5302	110	296.678	110	315.263
115	286.4848	115	296.9273	115	315.7426
120	286.4503	120	297.1756	120	316.1994
125	286.4159	125	297.424	125	316.6562
130	286.3814	130	297.6723	130	317.113
135	286.3469	135	297.9207	135	317.5698
140	286.3124	140	298.1691	140	318.0266
145	286.2779	145	298.4174	145	318.4834
150	286.2434	150	298.6658	150	318.9402
155	286.2089	155	298.9141	155	319.397
160	286.1744	160	299.1625	160	319.8538
165	286.1997	165	299.3855	165	320.1735
170	286.2308	170	299.606	170	320.4798
175	286.2619	175	299.8266	175	320.7861
180	286.293	180	300.0471	180	321.0924
185	286.3242	185	300.2676	185	321.3987
190	286.3553	190	300.4882	190	321.705
195	286.3864	195	300.7087	195	322.0113
200	286.4175	200	300.9292	200	322.3176
205	286.4486	205	301.1497	205	322.6239
210	286.4797	210	301.3703	210	322.9302
215	286.5386	215	301.5624	215	323.1538
220	286.6001	220	301.7517	220	323.3693
225	286.6617	225	301.9411	225	323.5847
230	286.7233	230	302.1304	230	323.8002
235	286.7848	235	302.3198	235	324.0157
240	286.8464	240	302.5091	240	324.2312

245	286.9079	245	302.6984	245	324.4466
250	286.9695	250	302.8878	250	324.6621
255	287.0311	255	303.0771	255	324.8776
260	287.0926	260	303.2665	260	325.093
265	287.1638	265	303.4294	265	325.2563
270	287.236	270	303.5897	270	325.4144
275	287.3081	275	303.75	275	325.5725
280	287.3803	280	303.9103	280	325.7306
285	287.4524	285	304.0706	285	325.8887
290	287.5246	290	304.231	290	326.0468
295	287.5967	295	304.3913	295	326.2049
300	287.6689	300	304.5516	300	326.363
305	287.741	305	304.7119	305	326.5211
310	287.8131	310	304.8722	310	326.6792
315	287.8854	315	305.0094	315	326.8027
320	287.9576	320	305.1444	320	326.9229
325	288.0298	325	305.2794	325	327.043
330	288.102	330	305.4143	330	327.1631
335	288.1742	335	305.5493	335	327.2833
340	288.2465	340	305.6842	340	327.4034
345	288.3187	345	305.8192	345	327.5235
350	288.3909	350	305.9541	350	327.6436
355	288.4631	355	306.0891	355	327.7638
360	288.5354	360	306.224	360	327.8839
365	288.6062	365	306.3513	365	327.9942
370	288.6767	370	306.4764	370	328.1017
375	288.7469	375	306.5999	375	328.2072
380	288.8168	380	306.7219	380	328.3107
385	288.8864	385	306.8423	385	328.4123
390	288.9558	390	306.9611	390	328.5119
395	289.0249	395	307.0785	395	328.6095
400	289.0937	400	307.1943	400	328.7051
405	289.1622	405	307.3085	405	328.7988
410	289.2305	410	307.4212	410	328.8904
415	289.2971	415	307.5312	415	328.98
420	289.3631	420	307.6393	420	329.0676
425	289.4285	425	307.7457	425	329.1532
430	289.4933	430	307.8503	430	329.2367
435	289.5576	435	307.9531	435	329.3183
440	289.6213	440	308.0541	440	329.3979
445	289.6845	445	308.1533	445	329.4755
450	289.7472	450	308.2508	450	329.551
455	289.8092	455	308.3465	455	329.6246
460	289.8708	460	308.4404	460	329.6962
465	289.9307	465	308.5329	465	329.7673
470	289.9898	470	308.6236	470	329.837
475	290.0482	475	308.7127	475	329.9049
480	290.1058	480	308.8	480	329.9712
485	290.1626	485	308.8857	485	330.0357
490	290.2186	490	308.9696	490	330.0986
495	290.2739	495	309.0518	495	330.1598
500	290.3285	500	309.1322	500	330.2194

Al 500mm 90k

position	0.125	position	0.25	position	0.5
time	T	time	T	time	T
0	293.15	0	293.15	0	293.15
5	292.1394	5	293.1359	5	293.15
10	290.1547	10	292.9667	10	293.1507
15	288.5301	15	292.6008	15	293.16
20	287.1927	20	292.1467	20	293.1831
25	286.1382	25	291.648	25	293.2364
30	285.357	30	291.1418	30	293.336
35	284.5758	35	290.6357	35	293.4356
40	284.0047	40	290.1743	40	293.5977
45	283.4576	45	289.7179	45	293.7669
50	283.0224	50	289.3291	50	293.9831
55	282.6994	55	289.0078	55	294.2464
60	282.3764	60	288.6866	60	294.5097
65	282.0534	65	288.3654	65	294.773
70	281.7305	70	288.0442	70	295.0363
75	281.4974	75	287.8076	75	295.3339
80	281.3026	80	287.6069	80	295.6459
85	281.1077	85	287.4062	85	295.9579
90	280.9128	90	287.2055	90	296.2699
95	280.7179	95	287.0048	95	296.582
100	280.6339	100	286.9406	100	296.8991
105	280.5615	105	286.8907	105	297.2168
110	280.489	110	286.8408	110	297.5344
115	280.4166	115	286.7909	115	297.8521
120	280.3442	120	286.7409	120	298.1697
125	280.2717	125	286.691	125	298.4874
130	280.1993	130	286.6411	130	298.8051
135	280.1269	135	286.5912	135	299.1227
140	280.0545	140	286.5412	140	299.4404
145	280.0023	145	286.5179	145	299.7494
150	279.9952	150	286.5533	150	300.0394
155	279.988	155	286.5888	155	300.3293
160	279.9808	160	286.6242	160	300.6192
165	279.9736	165	286.6597	165	300.9091
170	279.9664	170	286.6952	170	301.1991
175	279.9592	175	286.7306	175	301.489
180	279.9521	180	286.7661	180	301.7789
185	279.9449	185	286.8015	185	302.0688
190	279.9377	190	286.837	190	302.3588
195	279.9544	195	286.9025	195	302.6221
200	279.9805	200	286.98	200	302.875
205	280.0066	205	287.0575	205	303.1279
210	280.0327	210	287.1349	210	303.3808
215	280.0589	215	287.2124	215	303.6336
220	280.085	220	287.2898	220	303.8865
225	280.1111	225	287.3673	225	304.1394
230	280.1372	230	287.4447	230	304.3923
235	280.1633	235	287.5222	235	304.6451
240	280.1914	240	287.6016	240	304.8934

245	280.2329	245	287.6954	245	305.1084
250	280.2744	250	287.7892	250	305.3235
255	280.3159	255	287.8829	255	305.5386
260	280.3574	260	287.9767	260	305.7536
265	280.3989	265	288.0704	265	305.9687
270	280.4403	270	288.1642	270	306.1838
275	280.4818	275	288.2579	275	306.3988
280	280.5233	280	288.3517	280	306.6139
285	280.5648	285	288.4455	285	306.829
290	280.6069	290	288.5394	290	307.0399
295	280.6532	295	288.6346	295	307.2213
300	280.6994	300	288.7299	300	307.4027
305	280.7456	305	288.8251	305	307.5841
310	280.7918	310	288.9203	310	307.7655
315	280.8381	315	289.0155	315	307.9469
320	280.8843	320	289.1108	320	308.1283
325	280.9305	325	289.206	325	308.3096
330	280.9768	330	289.3012	330	308.491
335	281.023	335	289.3964	335	308.6724
340	281.0691	340	289.4909	340	308.8503
345	281.1145	345	289.5803	345	309.0027
350	281.1598	350	289.6696	350	309.1552
355	281.2052	355	289.7589	355	309.3076
360	281.2505	360	289.8482	360	309.4601
365	281.2959	365	289.9375	365	309.6126
370	281.3412	370	290.0268	370	309.765
375	281.3866	375	290.1161	375	309.9175
380	281.4319	380	290.2054	380	310.0699
385	281.4773	385	290.2947	385	310.2224
390	281.5225	390	290.3837	390	310.3738
395	281.5667	395	290.4697	395	310.5164
400	281.6107	400	290.5552	400	310.6572
405	281.6544	405	290.64	405	310.7963
410	281.698	410	290.7243	410	310.9337
415	281.7413	415	290.808	415	311.0693
420	281.7845	420	290.8912	420	311.2031
425	281.8274	425	290.9737	425	311.3352
430	281.8702	430	291.0557	430	311.4656
435	281.9127	435	291.1371	435	311.5941
440	281.9549	440	291.2177	440	311.7208
445	281.9961	445	291.2964	445	311.8445
450	282.0369	450	291.3742	450	311.9661
455	282.0774	455	291.4512	455	312.0857
460	282.1175	460	291.5273	460	312.2034
465	282.1572	465	291.6026	465	312.319
470	282.1966	470	291.677	470	312.4326
475	282.2355	475	291.7505	475	312.5442
480	282.2741	480	291.8232	480	312.6538
485	282.3124	485	291.895	485	312.7614
490	282.3502	490	291.9659	490	312.867
495	282.387	495	292.0352	495	312.971
500	282.4234	500	292.1035	500	313.073

Al 500mm 100k

position	0.75	position	0.125	position	0.25
time	T	time	T	time	T
0	293.15	0	293.15	0	293.15
5	293.1992	5	292.1531	5	293.1385
10	293.7906	10	290.1334	10	292.9776
15	295.0686	15	288.485	15	292.6139
20	296.6535	20	287.1481	20	292.1535
25	298.3972	25	286.1812	25	291.6479
30	300.1744	30	285.3001	30	291.1342
35	301.9516	35	284.5893	35	290.6411
40	303.5988	40	283.9607	40	290.1581
45	305.2313	45	283.4707	45	289.7434
50	306.6822	50	283.0894	50	289.3821
55	307.9512	55	282.7082	55	289.0208
60	309.2201	60	282.3269	60	288.6596
65	310.489	65	281.993	65	288.3382
70	311.758	70	281.7543	70	288.0968
75	312.819	75	281.5155	75	287.8555
80	313.7919	80	281.2768	80	287.6142
85	314.7648	85	281.0475	85	287.3835
90	315.7377	90	280.8998	90	287.2444
95	316.7105	95	280.7521	95	287.1052
100	317.371	100	280.6044	100	286.9661
105	317.9988	105	280.4567	105	286.827
110	318.6266	110	280.3957	110	286.8015
115	319.2544	115	280.3471	115	286.7921
120	319.8822	120	280.2984	120	286.7827
125	320.51	125	280.2498	125	286.7733
130	321.1378	130	280.2011	130	286.7639
135	321.7656	135	280.1525	135	286.7545
140	322.3934	140	280.1038	140	286.7451
145	322.9573	145	280.0552	145	286.7357
150	323.3797	150	280.0305	150	286.7581
155	323.8021	155	280.0388	155	286.8244
160	324.2245	160	280.0471	160	286.8908
165	324.6468	165	280.0555	165	286.9572
170	325.0692	170	280.0638	170	287.0236
175	325.4916	175	280.0722	175	287.0899
180	325.914	180	280.0805	180	287.1563
185	326.3364	185	280.0889	185	287.2227
190	326.7587	190	280.0972	190	287.2891
195	327.092	195	280.1376	195	287.3948
200	327.39	200	280.1791	200	287.502
205	327.6879	205	280.2206	205	287.6091
210	327.9859	210	280.2622	210	287.7163
215	328.2839	215	280.3037	215	287.8235
220	328.5819	220	280.3452	220	287.9307
225	328.8799	225	280.3868	225	288.0379
230	329.1779	230	280.4283	230	288.1451
235	329.4759	235	280.4698	235	288.2523
240	329.764	240	280.5114	240	288.3595

245	329.9811	245	280.5662	245	288.4792
250	330.1982	250	280.6216	250	288.5994
255	330.4153	255	280.677	255	288.7196
260	330.6324	260	280.7324	260	288.8398
265	330.8495	265	280.7878	265	288.96
270	331.0667	270	280.8432	270	289.0802
275	331.2838	275	280.8986	275	289.2004
280	331.5009	280	280.954	280	289.3206
285	331.718	285	281.0094	285	289.4408
290	331.9286	290	281.0648	290	289.561
295	332.0927	295	281.1232	295	289.6793
300	332.2567	300	281.1817	300	289.7975
305	332.4208	305	281.2401	305	289.9157
310	332.5848	310	281.2986	310	290.0339
315	332.7489	315	281.3571	315	290.1522
320	332.9129	320	281.4155	320	290.2704
325	333.077	325	281.474	325	290.3886
330	333.241	330	281.5325	330	290.5069
335	333.4051	335	281.5909	335	290.6251
340	333.5647	340	281.6494	340	290.7433
345	333.6923	345	281.7074	345	290.8587
350	333.8199	350	281.7652	350	290.9735
355	333.9475	355	281.823	355	291.0878
360	334.0751	360	281.8807	360	291.2015
365	334.2027	365	281.9383	365	291.3147
370	334.3303	370	281.9958	370	291.4274
375	334.4579	375	282.0531	375	291.5395
380	334.5855	380	282.1105	380	291.6511
385	334.7131	385	282.1677	385	291.7622
390	334.8395	390	282.2248	390	291.8728
395	334.9562	395	282.2805	395	291.9805
400	335.0709	400	282.3357	400	292.0872
405	335.1837	405	282.3907	405	292.193
410	335.2945	410	282.4453	410	292.2978
415	335.4034	415	282.4995	415	292.4016
420	335.5104	420	282.5534	420	292.5045
425	335.6154	425	282.607	425	292.6064
430	335.7185	430	282.6602	430	292.7074
435	335.8196	435	282.713	435	292.8074
440	335.9187	440	282.7655	440	292.9065
445	336.0156	445	282.8165	445	293.0029
450	336.1104	450	282.8669	450	293.0981
455	336.2032	455	282.9167	455	293.192
460	336.294	460	282.9659	460	293.2846
465	336.3827	465	283.0145	465	293.376
470	336.4695	470	283.0626	470	293.4661
475	336.5542	475	283.1101	475	293.555
480	336.6369	480	283.1571	480	293.6426
485	336.7176	485	283.2034	485	293.7289
490	336.7965	490	283.2492	490	293.8139
495	336.8747	495	283.2939	495	293.8973
500	336.9512	500	283.3379	500	293.9793

position	0.5	position	0.75
time	T	time	T
0	293.15	0	293.15
5	293.15	5	293.1958
10	293.1506	10	293.8386
15	293.1594	15	295.2899
20	293.1842	20	297.1255
25	293.2628	25	299.1471
30	293.355	30	301.2027
35	293.498	35	303.1926
40	293.6655	40	305.1507
45	293.8989	45	306.8997
50	294.1839	50	308.4845
55	294.4689	55	310.0693
60	294.7539	60	311.654
65	295.0627	65	313.128
70	295.4191	70	314.379
75	295.7755	75	315.6301
80	296.1319	80	316.8811
85	296.4917	85	318.1051
90	296.881	90	319.0958
95	297.2703	95	320.0864
100	297.6596	100	321.0771
105	298.0489	105	322.0678
110	298.4327	110	322.7829
115	298.8157	115	323.4591
120	299.1987	120	324.1354
125	299.5818	125	324.8116
130	299.9648	130	325.4878
135	300.3479	135	326.164
140	300.7309	140	326.8402
145	301.1139	145	327.5164
150	301.4831	150	328.1098
155	301.833	155	328.5888
160	302.1829	160	329.0678
165	302.5328	165	329.5468
170	302.8827	170	330.0258
175	303.2327	175	330.5048
180	303.5826	180	330.9838
185	303.9325	185	331.4629
190	304.2824	190	331.9419
195	304.5863	195	332.2857
200	304.8884	200	332.6245
205	305.1905	205	332.9633
210	305.4926	210	333.302
215	305.7947	215	333.6408
220	306.0968	220	333.9796
225	306.3989	225	334.3184
230	306.701	230	334.6571
235	307.0031	235	334.9959
240	307.3052	240	335.3347

245	307.5633	245	335.5876
250	307.8198	250	335.8372
255	308.0762	255	336.0869
260	308.3326	260	336.3365
265	308.589	265	336.5861
270	308.8455	270	336.8358
275	309.1019	275	337.0854
280	309.3583	280	337.3351
285	309.6147	285	337.5847
290	309.8712	290	337.8344
295	310.0887	295	338.027
300	310.3048	300	338.2174
305	310.521	305	338.4079
310	310.7371	310	338.5984
315	310.9532	315	338.7888
320	311.1693	320	338.9793
325	311.3854	325	339.1697
330	311.6015	330	339.3602
335	311.8176	335	339.5506
340	312.0337	340	339.7411
345	312.2368	345	339.9153
350	312.437	350	340.0858
355	312.6347	355	340.2532
360	312.83	360	340.4175
365	313.0228	365	340.5788
370	313.2131	370	340.737
375	313.401	375	340.8921
380	313.5864	380	341.0441
385	313.7693	385	341.193
390	313.9498	390	341.3388
395	314.1258	395	341.4813
400	314.299	400	341.6206
405	314.4693	405	341.7568
410	314.6368	410	341.8899
415	314.8014	415	342.0198
420	314.9632	420	342.1466
425	315.1222	425	342.2702
430	315.2783	430	342.3907
435	315.4316	435	342.5081
440	315.582	440	342.6223
445	315.7302	445	342.736
450	315.8756	450	342.8471
455	316.0182	455	342.9556
460	316.1581	460	343.0614
465	316.2953	465	343.1645
470	316.4297	470	343.265
475	316.5614	475	343.3629
480	316.6904	480	343.4581
485	316.8166	485	343.5507
490	316.94	490	343.6406
495	317.0627	495	343.7311
500	317.183	500	343.8197