11667.LAS

```
~Version Information
VERS.                          2.0: CWLS Log ASCII Standard - VERSION 2.0
WRAP.                           NO: One line per depth step
~Well Information Block
STRT.FT                     -2.0000:
STOP.FT                   2137.5000:
STEP.FT                      0.2500:
NULL.                     -999.2500:
COMP.            LANG EXPLORATORY DRILLING: COMPANY
WELL.                INYO-BLM #1: WELL
FLD.                   CLAY ROAD: FIELD
LOC.             CLAY ROAD, WEST OF HWY 127: LOCATION
PROV.                         CA: PROVINCE
CNTY.                      INYO: COUNTRY
SRVC.           Pacific Surveys,LLC: SERVICE COMPANY
DATE.           Fri Oct 29 20:30:38 2004: LOG DATE
UWI.                            : UNIQUE WELL ID
~Curve Information Block
DEPT.FT              0 000 00 00: Depth
LSPD.ft/min                     : Line Speed
HVOLTA.V                        : Head Voltage Apparent
TEMP.degF                       : Downhole Temperature
DTMP.degF                       : Delta Temperature
XCAL.in                         : X Caliper
GR1.GAPI                        : Gamma Ray
~Parameter Information Block
PPT.usec                     0.0000: Predicted Pipe Time
MAXAMPL.mV                   0.0000: Maximum Amplitude
MINAMPL.mV                   1.0000: Minimum Amplitude
MINATTN.db/ft                0.8000: Minimum Attenuation
FloatGate.                   0.0000: Float Gate
COMPACT.                     1.0000: Compaction Factor
SVFLUID.usec/ft            180.0000: Fluid Velocity
SVMATRIX.usec/ft            80.0000: Matrix Velocity
RSH.Ohm-m                   20.0000: Resistivity of Shale
RMF.Ohm-m                    0.1000: Resistivity of Mud Filtrate
SPSHIFT.mV                   0.0000: S.P. Baseline Offset
```

~A Depth	LSPD	HVOLTA	TEMP	DTMP	XCAL	GR1
-2.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3536	-999.2500
-1.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3543	-999.2500
-1.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3575	-999.2500
-1.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3593	-999.2500
-1.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3595	-999.2500
-0.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3601	-999.2500
-0.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3616	-999.2500
-0.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3630	-999.2500
0.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3632	-999.2500
0.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3580	-999.2500
0.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3555	-999.2500
0.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3556	-999.2500
1.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3567	-999.2500
1.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3571	-999.2500
1.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3569	-999.2500
1.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3570	-999.2500
2.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3569	-999.2500
2.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3553	-999.2500
2.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3538	-999.2500

2.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3540	-999.2500
3.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3547	-999.2500
3.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3543	-999.2500
3.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3548	-999.2500
3.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3582	-999.2500
4.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3616	-999.2500
4.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3609	-999.2500
4.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3568	-999.2500
4.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3526	-999.2500
5.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3501	-999.2500
5.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3504	-999.2500
5.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3529	-999.2500
5.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3556	-999.2500
6.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3576	-999.2500
6.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3593	-999.2500
6.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3590	-999.2500
6.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3565	-999.2500
7.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3542	-999.2500
7.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3533	-999.2500
7.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3537	-999.2500
7.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3559	-999.2500
8.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3602	-999.2500
8.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3642	-999.2500
8.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3636	-999.2500
8.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3581	-999.2500
9.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3544	-999.2500
9.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3558	-999.2500
9.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3568	-999.2500
9.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3544	-999.2500
10.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3536	-999.2500
10.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3566	-999.2500
10.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3601	-999.2500
10.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3623	-999.2500
11.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3638	-999.2500
11.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3633	-999.2500
11.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3587	-999.2500
11.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3537	-999.2500
12.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3545	-999.2500
12.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3599	-999.2500
12.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3648	-999.2500
12.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3717	-999.2500
13.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.3858	-999.2500
13.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4043	-999.2500
13.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4190	-999.2500
13.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4259	-999.2500
14.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4272	-999.2500
14.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4273	-999.2500
14.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4301	-999.2500
14.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4349	-999.2500
15.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4366	-999.2500
15.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4334	-999.2500
15.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4299	-999.2500
15.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4298	-999.2500
16.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4325	-999.2500
16.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4356	-999.2500
16.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4373	-999.2500
16.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4381	-999.2500

17.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4388	-999.2500
17.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4381	-999.2500
17.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4348	-999.2500
17.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4311	-999.2500
18.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4315	-999.2500
18.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4354	-999.2500
18.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4392	-999.2500
18.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4415	-999.2500
19.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4409	-999.2500
19.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4374	-999.2500
19.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4346	-999.2500
19.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4326	-999.2500
20.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4289	-999.2500
20.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4254	-999.2500
20.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4264	-999.2500
20.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4322	-999.2500
21.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4375	-999.2500
21.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4382	-999.2500
21.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4373	-999.2500
21.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4382	-999.2500
22.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4392	-999.2500
22.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4385	-999.2500
22.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4385	-999.2500
22.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4415	-999.2500
23.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4428	-999.2500
23.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4380	-999.2500
23.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4323	-999.2500
23.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4309	-999.2500
24.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4308	-999.2500
24.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4323	-999.2500
24.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4377	-999.2500
24.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4413	-999.2500
25.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4377	-999.2500
25.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4326	-999.2500
25.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4322	-999.2500
25.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4337	-999.2500
26.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4343	-999.2500
26.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4350	-999.2500
26.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4371	-999.2500
26.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4411	-999.2500
27.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4428	-999.2500
27.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4384	-999.2500
27.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4340	-999.2500
27.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4353	-999.2500
28.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4373	-999.2500
28.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4348	-999.2500
28.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4302	-999.2500
28.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4273	-999.2500
29.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4297	-999.2500
29.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4379	-999.2500
29.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4452	-999.2500
29.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4440	-999.2500
30.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4363	-999.2500
30.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4288	-999.2500
30.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4267	-999.2500
30.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4289	-999.2500
31.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4305	-999.2500

31.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4325	-999.2500
31.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4389	-999.2500
31.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4440	-999.2500
32.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4393	-999.2500
32.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4292	-999.2500
32.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4262	-999.2500
32.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4335	-999.2500
33.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4398	-999.2500
33.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4373	-999.2500
33.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4322	-999.2500
33.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4308	-999.2500
34.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4309	-999.2500
34.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4326	-999.2500
34.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4390	-999.2500
34.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4442	-999.2500
35.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4402	-999.2500
35.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4306	-999.2500
35.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4254	-999.2500
35.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4271	-999.2500
36.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4318	-999.2500
36.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4373	-999.2500
36.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4402	-999.2500
36.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4371	-999.2500
37.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4309	-999.2500
37.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4280	-999.2500
37.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4293	-999.2500
37.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4305	-999.2500
38.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4323	-999.2500
38.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4379	-999.2500
38.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4423	-999.2500
38.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4397	-999.2500
39.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4343	-999.2500
39.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4316	-999.2500
39.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4318	-999.2500
39.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4331	-999.2500
40.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4331	-999.2500
40.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4317	50.5307
40.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4309	52.0227
40.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4314	54.2353
41.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4322	56.5243
41.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4317	57.4176
41.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4325	55.6136
41.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4377	52.2360
42.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4411	50.5701
42.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4368	52.5212
42.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4309	56.5602
42.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4320	60.0258
43.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4386	61.8423
43.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4439	62.2049
43.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4435	61.4764
43.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4400	60.4421
44.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.4401	60.1154
44.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.4442	60.3793
44.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4502	60.1241
44.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4757	59.2544
45.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.5843	59.4315
45.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.8743	61.8782

45.5000	-999.2500	-999.2500	-999.2500	-999.2500	13.3759	65.2118
45.7500	-999.2500	-999.2500	-999.2500	-999.2500	13.9386	66.9480
46.0000	-999.2500	-999.2500	-999.2500	-999.2500	14.3088	66.7120
46.2500	-999.2500	-999.2500	-999.2500	-999.2500	14.3381	66.5160
46.5000	-999.2500	-999.2500	-999.2500	-999.2500	14.0937	68.6516
46.7500	-999.2500	-999.2500	-999.2500	-999.2500	13.8357	73.9683
47.0000	-999.2500	-999.2500	-999.2500	-999.2500	13.8589	80.7930
47.2500	-999.2500	-999.2500	-999.2500	-999.2500	14.2846	86.2843
47.5000	-999.2500	-999.2500	-999.2500	-999.2500	14.9996	89.9292
47.7500	-999.2500	-999.2500	-999.2500	-999.2500	15.7000	93.7152
48.0000	-999.2500	-999.2500	-999.2500	-999.2500	15.9973	98.7719
48.2500	-999.2500	-999.2500	-999.2500	-999.2500	15.6970	104.0037
48.5000	-999.2500	-999.2500	-999.2500	-999.2500	15.0076	108.1053
48.7500	-999.2500	-999.2500	-999.2500	-999.2500	14.3551	111.3079
49.0000	-999.2500	-999.2500	-999.2500	-999.2500	14.0005	114.5175
49.2500	-999.2500	-999.2500	-999.2500	-999.2500	13.8550	117.9088
49.5000	-999.2500	-999.2500	-999.2500	-999.2500	13.6629	120.9647
49.7500	-999.2500	-999.2500	-999.2500	-999.2500	13.3388	123.0800
50.0000	-999.2500	-999.2500	-999.2500	-999.2500	13.0235	124.2938
50.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.8669	125.0174
50.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.8953	124.4247
50.7500	-999.2500	-999.2500	-999.2500	-999.2500	13.0511	121.7070
51.0000	-999.2500	-999.2500	-999.2500	-999.2500	13.2610	118.5580
51.2500	-999.2500	-999.2500	-999.2500	-999.2500	13.4395	117.1229
51.5000	-999.2500	-999.2500	-999.2500	-999.2500	13.4786	116.8586
51.7500	-999.2500	-999.2500	-999.2500	-999.2500	13.3244	116.0500
52.0000	-999.2500	-999.2500	-999.2500	-999.2500	13.0450	114.8842
52.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.7433	114.3881
52.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4552	113.9965
52.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.1956	112.6905
53.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.0230	110.6829
53.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.0102	108.7076
53.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.1739	107.1396
53.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.4108	106.5118
54.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.5193	107.7248
54.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3578	110.6722
54.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.9818	114.1736
54.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.5689	117.9327
55.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.2596	122.4632
55.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.1324	127.6590
55.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.2518	133.1777
55.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.6174	138.8577
56.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.0797	144.0799
56.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.3954	147.4862
56.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.4156	147.6365
56.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.2062	145.0625
57.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.9400	142.4132
57.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.7055	141.2837
57.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.5064	141.6368
57.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.3913	143.5376
58.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.4368	146.5737
58.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.6234	149.2327
58.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.8401	150.8634
58.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.9754	152.3945
59.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.9547	154.0571
59.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.7732	154.8681
59.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.5273	154.5858

59.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.3385	154.0702
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60.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.2961	155.6309
60.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.4942	157.6701
60.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.7698	158.4982
61.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.9076	157.1288
61.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.8025	155.3177
61.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.6065	154.8530
61.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.5063	155.1138
62.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.4747	155.0584
62.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.3683	155.3627
62.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.1465	157.2365
62.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.8924	160.4259
63.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.6845	163.5591
63.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.5102	165.5007
63.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.3169	166.0548
63.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.1278	165.8630
64.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.0570	165.6851
64.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.1920	165.7206
64.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.4698	165.2973
64.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.6809	163.7547
65.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.6352	161.9873
65.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.3615	160.9739
65.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.0837	159.4978
65.7500	-999.2500	-999.2500	-999.2500	-999.2500	9.9771	156.8008
66.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.0579	154.6400
66.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.2827	153.7230
66.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.6051	152.2377
66.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.9400	149.1225
67.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.1577	145.6607
67.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.1671	143.9638
67.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.0151	145.0492
67.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.8664	148.1939
68.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.8441	151.7498
68.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.9029	154.0126
68.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.8843	153.9313
68.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.6846	151.6888
69.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.3662	149.0456
69.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.0923	148.1061
69.5000	-999.2500	-999.2500	-999.2500	-999.2500	9.9821	148.5766
69.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.0565	148.4912
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70.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.3986	145.8017
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70.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.4033	143.9328
71.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.3230	142.5946
71.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.2170	140.0711
71.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.1430	137.2645
71.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.2021	136.3232
72.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.4067	138.2346
72.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.6265	141.6302
72.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.7165	144.6251
72.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.6570	146.5768
73.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.5486	147.5580
73.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.4961	147.3398
73.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.5168	145.3947
73.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.5788	141.7715

74.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.6622	137.7414
74.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.7254	134.8552
74.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.7058	133.8692
74.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.5946	134.7581
75.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.4455	136.6447
75.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.3103	138.3523
75.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.1943	139.7974
75.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.0684	141.7788
76.0000	-999.2500	-999.2500	-999.2500	-999.2500	9.9379	143.9488
76.2500	-999.2500	-999.2500	-999.2500	-999.2500	9.8604	144.4566
76.5000	-999.2500	-999.2500	-999.2500	-999.2500	9.8638	142.4609
76.7500	-999.2500	-999.2500	-999.2500	-999.2500	9.8984	139.8168
77.0000	-999.2500	-999.2500	-999.2500	-999.2500	9.8994	139.0779
77.2500	-999.2500	-999.2500	-999.2500	-999.2500	9.8734	140.0786
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78.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.2872	139.0657
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78.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.7622	143.4500
78.7500	-999.2500	-999.2500	-999.2500	-999.2500	10.8013	145.2092
79.0000	-999.2500	-999.2500	-999.2500	-999.2500	10.7432	144.3920
79.2500	-999.2500	-999.2500	-999.2500	-999.2500	10.7238	141.3025
79.5000	-999.2500	-999.2500	-999.2500	-999.2500	10.7655	137.5858
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82.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.0581	142.5792
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83.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.8667	145.5003
83.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.8269	147.8023
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84.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.0665	152.3711
84.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.0654	156.5470
84.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.0671	160.0062
84.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.1272	161.1786
85.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.2165	160.7046
85.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.2497	159.2387
85.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.2000	157.0530
85.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.1495	154.4846
86.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.1867	151.4302
86.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.2895	148.3829
86.5000	-999.2500	-999.2500	-999.2500	-999.2500	12.3506	147.0875
86.7500	-999.2500	-999.2500	-999.2500	-999.2500	12.3019	148.6017
87.0000	-999.2500	-999.2500	-999.2500	-999.2500	12.1823	151.4560
87.2500	-999.2500	-999.2500	-999.2500	-999.2500	12.0579	153.1602
87.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.9342	153.6055
87.7500	-999.2500	-999.2500	-999.2500	-999.2500	11.8142	154.8685
88.0000	-999.2500	-999.2500	-999.2500	-999.2500	11.7493	157.0269

88.2500	-999.2500	-999.2500	-999.2500	-999.2500	11.7654	157.6057
88.5000	-999.2500	-999.2500	-999.2500	-999.2500	11.8201	155.8341
88.7500	-0.0001	-999.2500	-15.6689	-999.2500	11.8461	153.6878
89.0000	-0.0014	-999.2500	-15.6602	-999.2500	11.8190	153.1115
89.2500	-0.0146	-999.2500	-15.5595	-999.2500	11.8048	154.2526
89.5000	-0.1010	-999.2500	-14.8160	-999.2500	11.8800	155.3839
89.7500	-0.4802	-999.2500	-11.2959	41.2337	11.9994	154.9403
90.0000	-1.6116	-999.2500	-0.6138	46.5873	12.0510	153.8022
90.2500	-3.9783	60.6112	20.1629	48.3929	12.0413	153.7298
90.5000	-7.6811	60.4341	46.0682	48.5341	12.1007	154.5123
90.7500	-12.3744	60.6838	66.7984	46.9131	12.2801	154.7633
91.0000	-17.3612	60.3432	77.5144	41.5164	12.4680	154.7747
91.2500	-21.7184	61.1324	81.2263	30.9272	12.5357	156.2340
91.5000	-24.8826	60.3509	82.2523	17.7604	12.4677	159.0916
91.7500	-26.9349	60.6082	82.5304	7.2926	12.3405	161.4887
92.0000	-28.1292	60.0673	82.4190	1.9506	12.2404	162.5104
92.2500	-28.5721	60.3339	82.0174	0.1605	12.2172	162.3706
92.5000	-28.3509	60.2661	81.5889	-0.2900	12.2702	161.1372
92.7500	-27.7335	60.2862	81.3836	-0.4211	12.3407	159.0985
93.0000	-27.0884	60.2909	81.4155	-0.4507	12.3547	157.1210
93.2500	-26.6122	60.4204	81.5473	-0.3668	12.2978	155.9211
93.5000	-26.3141	60.4156	81.6724	-0.1809	12.2164	155.2392
93.7500	-26.1652	60.6531	81.6881	0.0068	12.1503	153.9454
94.0000	-26.1053	60.4325	81.5176	0.1012	12.1171	152.1892
94.2500	-26.0428	60.3016	81.2837	0.0824	12.1340	151.9653
94.5000	-25.9397	60.7022	81.2270	-0.0084	12.1940	153.8264
94.7500	-25.8245	60.3078	81.3973	-0.0595	12.2483	155.8252
95.0000	-25.7300	60.2754	81.6178	0.0489	12.2512	155.9585
95.2500	-25.6845	60.2137	81.7121	0.3468	12.2120	153.9287
95.5000	-25.7173	60.1814	81.6556	0.9116	12.1824	151.2428
95.7500	-25.8155	60.1229	81.5692	1.9926	12.2071	149.2695
96.0000	-25.9217	60.5204	81.6154	3.6342	12.3038	148.3765
96.2500	-26.0026	60.2491	81.9773	5.2729	12.4521	149.2599
96.5000	-26.0858	60.4849	83.0501	6.0606	12.5842	151.6135
96.7500	-26.2012	60.5775	85.3825	5.5261	12.6430	153.1269
97.0000	-26.2937	59.3863	88.8861	3.8882	12.6329	152.9160
97.2500	-26.2661	59.2752	92.2579	1.8270	12.5766	153.2392
97.5000	-26.1296	59.3277	93.7767	-0.2211	12.4745	156.1750
97.7500	-25.9947	58.9592	92.6213	-2.3618	12.3382	160.5540
98.0000	-25.9125	60.4586	89.3918	-4.5261	12.2036	163.6973
98.2500	-25.8486	60.5665	85.6313	-6.0642	12.0985	165.3465
98.5000	-25.7788	60.5003	82.6079	-6.4054	12.0288	167.9103
98.7500	-25.7166	60.1291	80.6590	-5.5342	11.9606	172.5643
99.0000	-25.6806	59.5542	79.8340	-3.8490	11.8278	177.0764
99.2500	-25.6832	60.6206	80.1296	-1.9690	11.6170	178.2146
99.5000	-25.7386	60.8904	80.9658	-0.4096	11.3986	175.2947
99.7500	-25.8445	60.6714	81.5529	0.6399	11.2389	170.9878
100.0000	-25.9447	60.4434	81.6937	1.0835	11.1485	168.0288
100.2500	-25.9737	60.2338	81.6933	0.8900	11.1138	165.9928
100.5000	-25.9617	60.4790	81.7887	0.3748	11.1163	163.2092
100.7500	-25.9969	60.0318	81.9387	0.0066	11.1354	159.6201
101.0000	-26.0738	60.7284	82.0011	-0.0446	11.1622	155.6104
101.2500	-26.1073	60.4403	81.9096	0.1114	11.1934	150.5234
101.5000	-26.0679	60.5513	81.7155	0.4646	11.2124	143.8085
101.7500	-25.9935	60.7486	81.5662	1.3022	11.2004	136.2109
102.0000	-25.9181	60.6869	81.6045	2.8651	11.1656	129.3577
102.2500	-25.8584	60.9611	81.9161	4.8030	11.1368	124.6215

102.5000	-25.8323	60.9780	82.7179	6.3607	11.1289	122.4583
102.7500	-25.8447	60.8948	84.5431	7.1539	11.1351	121.9079
103.0000	-25.8528	59.6066	87.7313	7.3518	11.1493	121.3308
103.2500	-25.8086	59.4417	91.5157	7.2258	11.1809	120.3521
103.5000	-25.7635	59.0533	94.4369	6.8126	11.2475	119.5178
103.7500	-25.8242	58.9254	95.8739	5.8837	11.3554	118.9106
104.0000	-25.9752	59.2121	96.3080	4.2763	11.4823	118.2189
104.2500	-26.0925	59.2751	96.3677	2.3747	11.5777	117.0465
104.5000	-26.1322	59.5434	96.3432	0.9078	11.6020	115.7494
104.7500	-26.1425	59.9132	96.3104	0.1855	11.5698	115.8291
105.0000	-26.1383	59.8008	96.2839	-0.0336	11.5223	117.9882
105.2500	-26.0966	59.3382	96.2650	-0.0644	11.4664	120.9620
105.5000	-26.0208	59.6775	96.2526	-0.0522	11.3843	122.7670
105.7500	-25.9397	59.5310	96.2450	-0.0361	11.2892	121.9243
106.0000	-25.8587	59.4462	96.2408	-0.0272	11.2186	118.9721
106.2500	-25.7528	59.5619	96.2389	-0.0339	11.1834	117.0039
106.5000	-25.6539	59.5326	96.2389	-0.0584	11.1650	117.9032
106.7500	-25.6561	59.4168	96.2383	-0.0834	11.1531	119.4260
107.0000	-25.7634	59.4340	96.2294	-0.0795	11.1593	119.0898
107.2500	-25.8729	59.1056	96.1973	-0.0413	11.2182	118.4637
107.5000	-25.9348	59.3432	96.1359	0.0048	11.3727	119.9154
107.7500	-25.9759	59.1598	96.0782	0.0362	11.6073	121.8129
108.0000	-26.0082	59.8070	96.0817	0.0559	11.8102	121.4438
108.2500	-26.0351	60.1752	96.1564	0.0806	11.8621	120.0281
108.5000	-26.0774	59.8255	96.2485	0.1187	11.7378	120.3206
108.7500	-26.1233	59.7684	96.3106	0.1547	11.4955	121.9486
109.0000	-26.1061	59.4259	96.3412	0.1599	11.2374	122.3843
109.2500	-25.9856	59.7173	96.3585	0.1289	11.0723	120.2385
109.5000	-25.8408	59.5326	96.3733	0.0880	11.0400	116.1614
109.7500	-25.7974	59.5450	96.3877	0.0597	11.0896	111.9236
110.0000	-25.8401	59.6942	96.4015	0.0460	11.1456	109.3265
110.2500	-25.8363	59.9056	96.4142	0.0423	11.1685	109.5746
110.5000	-25.7515	59.3969	96.4245	0.0459	11.1574	112.6966
110.7500	-25.6721	59.3445	96.4300	0.0517	11.1183	117.1834
111.0000	-25.6500	59.3323	96.4331	0.0559	11.0621	121.2500
111.2500	-25.6697	59.4770	96.4430	0.0613	11.0199	124.0483
111.5000	-25.7143	59.5635	96.4650	0.0706	11.0126	124.8934
111.7500	-25.7785	59.5296	96.4911	0.0777	11.0193	123.0593
112.0000	-25.8485	59.4863	96.5134	0.0727	11.0065	119.0570
112.2500	-25.9120	59.4941	96.5368	0.0509	10.9693	114.9616
112.5000	-25.9908	59.5111	96.5656	0.0196	10.9249	112.5807
112.7500	-26.1098	59.5603	96.5855	0.0001	10.8863	111.5076
113.0000	-26.1994	59.4941	96.5786	0.0060	10.8715	110.0360
113.2500	-26.1420	59.4139	96.5449	0.0229	10.9166	107.7218
113.5000	-25.9628	59.5527	96.5041	0.0341	11.0565	105.6486
113.7500	-25.8165	59.2043	96.4912	0.0553	11.3022	104.7948
114.0000	-25.7694	59.4955	96.5254	0.1206	11.6166	104.8003
114.2500	-25.7525	59.5588	96.5826	0.2323	11.9033	104.2237
114.5000	-25.7077	59.5788	96.6338	0.3234	12.0637	102.3994
114.7500	-25.6597	59.7175	96.6961	0.3099	12.0485	100.0894
115.0000	-25.6610	59.9487	96.8197	0.2018	11.8709	98.0933
115.2500	-25.7229	59.6374	97.0095	0.0915	11.6557	96.2000
115.5000	-25.8206	59.8286	97.1509	0.0301	11.5881	93.9408
115.7500	-25.9260	60.1339	97.1110	-0.0115	11.7120	92.0664
116.0000	-25.9955	59.7174	96.9290	-0.0813	11.8911	91.9357
116.2500	-25.9872	59.5833	96.7655	-0.1833	12.0095	93.9506
116.5000	-25.9324	59.5834	96.6940	-0.2485	12.0682	97.8782

116.7500	-25.9008	59.4710	96.6731	-0.1918	12.0438	103.6955
117.0000	-25.8889	59.9949	96.6571	-0.0098	11.8332	111.3481
117.2500	-25.8585	59.4972	96.6430	0.2054	11.4464	119.3106
117.5000	-25.8293	59.6127	96.6539	0.3264	11.0714	124.4047
117.7500	-25.8201	60.0474	96.7275	0.2951	10.8608	124.8279
118.0000	-25.7978	59.7529	96.9095	0.1850	10.8052	122.0670
118.2500	-25.7505	59.4032	97.1763	0.0914	10.8313	119.2805
118.5000	-25.7259	59.9024	97.3468	0.0251	10.9000	119.2289
118.7500	-25.7623	59.7839	97.2634	-0.0483	10.9738	123.3042
119.0000	-25.8193	59.5665	97.0272	-0.1501	10.9784	131.4907
119.2500	-25.8253	59.5711	96.8258	-0.2624	10.8727	142.8712
119.5000	-25.7972	59.4770	96.7040	-0.3097	10.7120	155.6431
119.7500	-25.8190	59.6313	96.6310	-0.2368	10.5782	167.3192
120.0000	-25.9037	59.4295	96.6094	-0.1036	10.4852	175.9984
120.2500	-25.9920	59.6590	96.6515	-0.0031	10.4060	181.4335
120.5000	-26.0532	59.6174	96.7274	0.0415	10.3415	184.7763
120.7500	-26.0769	59.7361	96.7898	0.0512	10.3207	186.9256
121.0000	-26.0388	59.6389	96.8200	0.0477	10.3696	187.9871
121.2500	-25.9544	59.8239	96.8197	0.0445	10.4941	188.6493
121.5000	-25.8938	59.7360	96.7870	0.0606	10.6767	190.2031
121.7500	-25.8927	59.9642	96.7334	0.1329	10.8709	192.8774
122.0000	-25.8824	59.7561	96.7047	0.2687	10.9953	195.0967
122.2500	-25.7775	59.7761	96.7406	0.3843	10.9732	194.9050
122.5000	-25.6464	59.6512	96.8485	0.3971	10.7976	192.4878
122.7500	-25.6540	59.6035	97.0557	0.3568	10.5459	190.3520
123.0000	-25.8132	59.4339	97.3574	0.3702	10.3196	190.0006
123.2500	-25.9784	59.5603	97.5882	0.4306	10.1737	189.7279
123.5000	-26.0713	59.0964	97.5813	0.3762	10.1068	186.2065
123.7500	-26.1209	59.6020	97.4470	0.0738	10.1002	178.0310
124.0000	-26.1456	59.7128	97.4452	-0.3651	10.1347	167.9553
124.2500	-26.1444	59.7885	97.6019	-0.6646	10.1843	161.0745
124.5000	-26.1350	59.8363	97.6010	-0.6758	10.2210	160.3929
124.7500	-26.1219	59.8825	97.2033	-0.5216	10.2228	164.5151
125.0000	-26.0640	58.9592	96.6273	-0.4285	10.1796	169.5970
125.2500	-25.9294	59.3200	96.2589	-0.4462	10.1047	172.9887
125.5000	-25.7823	59.5880	96.2296	-0.4031	10.0331	174.5730
125.7500	-25.7302	59.4492	96.4038	-0.1744	9.9884	175.4854
126.0000	-25.7661	59.3137	96.5881	0.1276	9.9602	176.3510
126.2500	-25.7980	59.3877	96.7094	0.3153	9.9271	176.1732
126.5000	-25.8149	59.5712	96.7947	0.3307	9.8887	173.8066
126.7500	-25.8570	59.6742	96.8546	0.2459	9.8567	170.7024
127.0000	-25.8978	59.5896	96.8824	0.1765	9.8304	169.5355
127.2500	-25.9042	59.9119	96.8896	0.2283	9.7996	170.3664
127.5000	-25.9107	59.8532	96.8910	0.4896	9.7647	171.1504
127.7500	-25.9570	59.6112	96.8957	0.8939	9.7406	170.8953
128.0000	-26.0278	59.5588	96.9412	1.1002	9.7356	169.9696
128.2500	-26.0759	59.8194	97.1661	0.8709	9.7392	168.9642
128.5000	-26.0847	59.6452	97.7738	0.4371	9.7352	168.7400
128.7500	-26.0795	59.6452	98.6425	0.1340	9.7181	170.1048
129.0000	-26.0600	59.5881	99.0829	0.0000	9.6902	172.8940
129.2500	-25.9961	59.5079	98.6315	-0.1300	9.6534	176.6867
129.5000	-25.9013	59.7485	97.7652	-0.3924	9.6126	181.5131
129.7500	-25.8106	59.7746	97.1637	-0.6259	9.5796	186.0194
130.0000	-25.7206	59.7191	96.9412	-0.3098	9.5621	187.6005
130.2500	-25.6500	59.7515	96.9060	0.7080	9.5566	185.9432
130.5000	-25.6637	60.0043	96.9891	1.6125	9.5574	183.3989
130.7500	-25.7667	59.8424	97.3906	1.6068	9.5639	181.9580

131.0000	-25.8781	59.6481	98.4633	0.9697	9.5786	181.6773
131.2500	-25.9415	59.6018	100.0476	0.3957	9.5980	180.9464
131.5000	-25.9921	58.4367	100.9902	0.0769	9.6070	177.9913
131.7500	-26.0872	59.7991	100.3774	-0.2288	9.5961	173.3719
132.0000	-26.1940	59.5727	98.8805	-0.8184	9.5763	169.8860
132.2500	-26.2141	59.6514	97.6974	-1.6572	9.5644	168.7106
132.5000	-26.1239	59.7297	97.1429	-2.1673	9.5641	167.8247
132.7500	-25.9923	59.5696	96.9329	-1.8730	9.5684	164.8557
133.0000	-25.8791	59.5865	96.8265	-1.1084	9.5688	159.2586
133.2500	-25.8098	60.0688	96.7332	-0.4858	9.5659	152.0164
133.5000	-25.7978	59.6219	96.6557	-0.1733	9.5675	144.6185
133.7500	-25.8180	59.7792	96.6313	-0.0383	9.5753	138.7933
134.0000	-25.8142	59.7699	96.6637	0.0323	9.5825	136.2260
134.2500	-25.7780	59.7330	96.7257	0.0853	9.5857	136.8378
134.5000	-25.7859	59.8239	96.7964	0.1254	9.5892	138.3280
134.7500	-25.9051	59.7176	96.8564	0.1373	9.5932	139.1933
135.0000	-26.0687	59.6945	96.8911	0.1198	9.5915	141.6638
135.2500	-26.1400	59.4493	96.9038	0.0860	9.5848	149.0824
135.5000	-26.1077	59.8994	96.9064	0.0470	9.5869	160.1536
135.7500	-26.0804	59.8516	96.9059	0.0152	9.6119	169.6124
136.0000	-26.1017	60.1258	96.9032	-0.0000	9.6540	174.7515
136.2500	-26.1215	59.7561	96.8977	-0.0029	9.6837	177.5469
136.5000	-26.1067	59.9025	96.8904	-0.0030	9.6750	180.9416
136.7500	-26.0611	59.8792	96.8869	-0.0040	9.6409	185.3875
137.0000	-25.9877	59.6082	96.8910	-0.0030	9.6193	189.0882
137.2500	-25.9002	59.7100	96.8980	0.0025	9.6301	190.4805
137.5000	-25.8336	59.5388	96.9004	0.0102	9.6665	189.3969
137.7500	-25.8094	59.6343	96.8979	0.0148	9.7112	187.2711
138.0000	-25.8035	59.4740	96.8972	0.0139	9.7551	185.9137
138.2500	-25.7807	59.3538	96.9026	0.0104	9.8097	184.8649
138.5000	-25.7656	59.7331	96.9107	0.0085	9.8900	182.2795
138.7500	-25.8100	59.5341	96.9164	0.0087	9.9742	178.1018
139.0000	-25.8958	60.0321	96.9188	0.0076	10.0025	173.5218
139.2500	-25.9753	59.6882	96.9188	0.0083	9.9432	169.0176
139.5000	-26.0594	59.9982	96.9174	0.0474	9.8397	164.5773
139.7500	-26.1518	59.7745	96.9152	0.2219	9.7596	160.2242
140.0000	-26.1988	59.6452	96.9124	0.6342	9.7302	156.7420
140.2500	-26.1795	59.3877	96.9192	1.2103	9.7446	155.7893
140.5000	-26.1449	59.7698	97.0056	1.6045	9.7866	158.1385
140.7500	-26.1303	59.5958	97.3602	1.4936	9.8303	162.2141
141.0000	-26.0834	59.8132	98.1872	0.9820	9.8530	164.7144
141.2500	-25.9369	59.8284	99.3394	0.4688	9.8557	163.3594
141.5000	-25.7559	59.8116	100.1264	0.1420	9.8528	158.9834
141.7500	-25.6911	60.1261	99.9024	-0.1528	9.8526	154.1647
142.0000	-25.7636	59.7869	98.8764	-0.6206	9.8563	150.8459
142.2500	-25.8645	59.7299	97.8569	-1.2214	9.8603	148.7814
142.5000	-25.9433	59.3584	97.2895	-1.6170	9.8597	145.9597
142.7500	-26.0145	59.3399	97.0545	-1.4971	9.8572	142.1927
143.0000	-26.0571	59.3353	96.9461	-0.9773	9.8621	140.0760
143.2500	-26.0564	59.7053	96.8966	-0.4649	9.8764	140.7669
143.5000	-26.0510	59.4570	96.8923	-0.1818	9.8962	142.4838
143.7500	-26.0642	59.8131	96.9083	-0.0694	9.9334	143.3945
144.0000	-26.0561	59.7113	96.9218	-0.0243	10.0209	142.8545
144.2500	-25.9794	59.6712	96.9271	-0.0026	10.1689	140.6603
144.5000	-25.8704	59.8931	96.9258	0.0079	10.3238	137.2548
144.7500	-25.8211	59.6790	96.9157	-0.0075	10.3991	133.8964
145.0000	-25.8382	59.7345	96.8975	-0.0534	10.3557	131.9458

145.2500	-25.8398	59.7081	96.8915	-0.0843	10.2406	131.8990
145.5000	-25.7981	59.4385	96.9081	-0.0670	10.1310	133.1654
145.7500	-25.7567	59.5419	96.8933	-0.0260	10.0682	135.3497
146.0000	-25.7388	59.0456	96.8149	0.0067	10.0518	138.6231
146.2500	-25.7463	59.0749	96.7585	0.0177	10.0649	142.3219
146.5000	-25.7962	59.5388	96.7917	0.0107	10.0925	144.9069
146.7500	-25.8898	59.7576	96.8638	0.0177	10.1284	145.1837
147.0000	-25.9855	59.8115	96.9108	0.0563	10.1682	143.0863
147.2500	-26.0403	59.8840	96.9269	0.0841	10.2015	140.0198
147.5000	-26.0765	59.6635	96.9295	0.0680	10.2234	137.7834
147.7500	-26.1493	59.9998	96.9287	0.0335	10.2440	137.2085
148.0000	-26.2123	59.6896	96.9274	0.0117	10.2808	138.3870
148.2500	-26.1473	59.3429	96.9267	0.0050	10.3411	141.1797
148.5000	-25.9668	59.6544	96.9278	0.0046	10.4124	144.6371
148.7500	-25.8075	60.0627	96.9307	0.0054	10.4663	146.8484
149.0000	-25.7258	59.7669	96.9342	0.0065	10.4756	146.9862
149.2500	-25.6855	59.9350	96.9370	0.0077	10.4393	146.4268
149.5000	-25.6825	60.0287	96.9387	0.0086	10.3899	146.6846
149.7500	-25.7290	59.8656	96.9396	0.0084	10.3619	147.7312
150.0000	-25.7980	59.7497	96.9403	0.0067	10.3630	148.8530
150.2500	-25.8663	59.9997	96.9421	0.0036	10.3780	149.9279
150.5000	-25.9603	59.7854	96.9449	0.0001	10.3924	150.6466
150.7500	-26.1069	59.7651	96.9474	-0.0013	10.4099	149.7259
151.0000	-26.2421	59.6452	96.9476	0.0007	10.4382	147.0235
151.2500	-26.2592	59.6590	96.9442	0.0043	10.4597	143.9437
151.5000	-26.1722	59.5989	96.9389	0.0069	10.4402	140.9792
151.7500	-26.0905	59.6081	96.9369	0.0083	10.3753	138.1431
152.0000	-26.0387	59.8408	96.9418	0.0096	10.3003	136.3529
152.2500	-25.9675	59.7900	96.9507	0.0122	10.2455	136.2038
152.5000	-25.8829	59.7482	96.9587	0.0157	10.2118	137.0757
152.7500	-25.8264	59.7407	96.9640	0.0178	10.1920	137.7080
153.0000	-25.8042	59.6328	96.9669	0.0169	10.1854	137.2047
153.2500	-25.8038	59.6957	96.9686	0.0141	10.1895	135.9099
153.5000	-25.8323	59.7947	96.9703	0.0116	10.1987	134.2812
153.7500	-25.8994	59.4001	96.9726	0.0101	10.2111	131.4206
154.0000	-25.9683	59.4910	96.9756	0.0097	10.2326	126.7421
154.2500	-25.9837	59.5064	96.9789	0.0099	10.2627	121.3870
154.5000	-25.9784	59.8826	96.9818	0.0102	10.2841	116.6761
154.7500	-26.0434	59.8239	96.9842	0.0103	10.2842	112.8252
155.0000	-26.1663	59.5850	96.9864	0.0103	10.2759	109.2288
155.2500	-26.2386	59.5140	96.9885	0.0105	10.2817	105.4615
155.5000	-26.2207	59.8915	96.9907	0.0112	10.3005	101.8462
155.7500	-26.1555	59.5049	96.9932	0.0122	10.3022	99.2172
156.0000	-26.0670	59.9149	96.9962	0.0132	10.2658	98.3909
156.2500	-25.9691	59.4910	96.9999	0.0136	10.2062	99.2718
156.5000	-25.9046	59.5820	97.0041	0.0133	10.1527	100.9709
156.7500	-25.8843	59.5588	97.0087	0.0128	10.1156	103.1770
157.0000	-25.8425	59.9118	97.0127	0.0124	10.0898	105.8359
157.2500	-25.7221	59.7592	97.0156	0.0120	10.0711	107.9957
157.5000	-25.6033	60.0503	97.0174	0.0118	10.0609	109.3929
157.7500	-25.6321	59.9380	97.0189	0.0117	10.0588	111.5815
158.0000	-25.8003	59.8023	97.0210	0.0118	10.0597	114.9920
158.2500	-25.9553	59.8732	97.0240	0.0123	10.0610	117.5683
158.5000	-26.0228	59.5711	97.0277	0.0130	10.0616	118.7109
158.7500	-26.0489	59.7902	97.0320	0.0138	10.0594	121.0068
159.0000	-26.0727	59.3538	97.0364	0.0148	10.0593	125.6584
159.2500	-26.0909	59.6621	97.0402	0.0162	10.0657	130.6212

159.5000	-26.0981	59.6467	97.0434	0.0177	10.0687	134.5639
159.7500	-26.0901	59.8008	97.0464	0.0187	10.0528	137.9520
160.0000	-26.0459	59.7946	97.0505	0.0193	10.0177	140.9034
160.2500	-25.9523	59.5648	97.0564	0.0197	9.9781	143.7679
160.5000	-25.8605	59.6882	97.0631	0.0205	9.9501	147.6641
160.7500	-25.8491	59.7237	97.0694	0.0215	9.9395	152.1145
161.0000	-25.8951	59.9487	97.0749	0.0221	9.9379	154.4804
161.2500	-25.9029	59.3476	97.0797	0.0218	9.9337	153.2262
161.5000	-25.8678	59.5541	97.0843	0.0214	9.9254	149.7467
161.7500	-25.8620	59.6020	97.0894	0.0216	9.9209	146.3988
162.0000	-25.8973	59.4987	97.0948	0.0223	9.9283	144.8570
162.2500	-25.9332	59.4802	97.1001	0.0230	9.9384	145.9453
162.5000	-25.9566	59.6605	97.1059	0.0235	9.9285	149.0005
162.7500	-25.9825	59.7361	97.1127	0.0237	9.8976	152.2222
163.0000	-26.0164	59.8100	97.1196	0.0246	9.8660	154.7630
163.2500	-26.0424	59.6757	97.1257	0.0264	9.8463	157.5926
163.5000	-26.0536	59.6312	97.1312	0.0280	9.8397	161.9922
163.7500	-26.0598	59.6882	97.1368	0.0285	9.8435	167.3425
164.0000	-26.0384	59.5172	97.1440	0.0282	9.8555	170.4050
164.2500	-25.9457	59.5958	97.1528	0.0281	9.8762	168.3162
164.5000	-25.8052	59.5156	97.1620	0.0289	9.9053	161.7942
164.7500	-25.6896	59.5927	97.1698	0.0305	9.9357	154.1235
165.0000	-25.6183	59.6420	97.1760	0.0315	9.9539	148.7405
165.2500	-25.5790	59.3676	97.1819	0.0316	9.9536	147.7093
165.5000	-25.5992	59.5296	97.1891	0.0311	9.9415	150.3965
165.7500	-25.6916	59.8146	97.1978	0.0310	9.9198	154.0468
166.0000	-25.8071	59.8748	97.2071	0.0314	9.8937	156.7526
166.2500	-25.8995	59.8347	97.2159	0.0323	9.8853	158.7380
166.5000	-25.9909	59.8500	97.2242	0.0325	9.9032	160.1143
166.7500	-26.1228	59.6390	97.2317	0.0311	9.9215	159.6389
167.0000	-26.2450	59.6807	97.2389	0.0280	9.9136	157.0340
167.2500	-26.2482	59.9533	97.2465	0.0242	9.8846	154.1198
167.5000	-26.1332	59.6713	97.2542	0.0214	9.8573	152.3751
167.7500	-26.0061	59.8379	97.2601	0.0207	9.8470	151.9643
168.0000	-25.9169	59.6127	97.2630	0.0217	9.8586	153.5861
168.2500	-25.8523	59.8316	97.2644	0.0227	9.8848	157.9239
168.5000	-25.8202	59.4817	97.2670	0.0230	9.9037	163.6983
168.7500	-25.8186	59.9025	97.2730	0.0242	9.8973	168.9396
169.0000	-25.8103	60.0382	97.2822	0.0271	9.8691	172.4050
169.2500	-25.7966	59.8191	97.2918	0.0296	9.8381	173.2043
169.5000	-25.8360	59.7376	97.3002	0.0292	9.8256	171.7127
169.7500	-25.9522	59.8623	97.3085	0.0250	9.8470	169.8288
170.0000	-26.0733	59.4370	97.3172	0.0182	9.9029	168.2968
170.2500	-26.1139	59.5218	97.3236	0.0124	9.9677	166.1199
170.5000	-26.1024	60.0151	97.3253	0.0102	9.9971	163.8908
170.7500	-26.1355	59.9703	97.3229	0.0108	9.9676	164.1208
171.0000	-26.2083	59.9997	97.3186	0.0135	9.9004	166.9471
171.2500	-26.2181	59.7777	97.3166	0.0199	9.8335	169.2281
171.5000	-26.1307	59.7962	97.3206	0.0293	9.7843	168.6404
171.7500	-26.0130	59.6744	97.3301	0.0389	9.7536	165.6024
172.0000	-25.9222	59.5696	97.3443	0.0469	9.7411	161.4371
172.2500	-25.8664	59.5742	97.3634	0.0514	9.7414	157.2125
172.5000	-25.8430	59.8870	97.3839	0.0515	9.7448	154.0728
172.7500	-25.8427	59.7623	97.4008	0.0490	9.7460	152.7919
173.0000	-25.8347	59.9855	97.4124	0.0450	9.7434	154.0320
173.2500	-25.8017	59.6928	97.4193	0.0387	9.7334	158.6451
173.5000	-25.7935	59.9072	97.4235	0.0306	9.7117	165.5732

173.7500	-25.8808	60.0135	97.4281	0.0234	9.6794	171.5529
174.0000	-26.0334	59.9348	97.4343	0.0196	9.6459	174.0056
174.2500	-26.1437	59.7021	97.4408	0.0202	9.6219	172.6812
174.5000	-26.1719	59.7190	97.4451	0.0221	9.6102	169.1808
174.7500	-26.1539	59.8484	97.4475	0.0233	9.6065	165.6773
175.0000	-26.1064	59.6683	97.4517	0.0252	9.6063	163.1138
175.2500	-26.0292	59.6590	97.4597	0.0303	9.6089	160.6813
175.5000	-25.9460	59.7839	97.4678	0.0383	9.6163	157.9859
175.7500	-25.8815	60.1597	97.4746	0.0456	9.6290	155.7402
176.0000	-25.8255	59.9842	97.4847	0.0479	9.6441	153.6924
176.2500	-25.7480	59.9284	97.5013	0.0445	9.6595	151.0307
176.5000	-25.6696	59.8147	97.5217	0.0395	9.6757	148.3416
176.7500	-25.6576	59.9580	97.5386	0.0372	9.6898	146.9727
177.0000	-25.7181	59.9179	97.5475	0.0369	9.6975	147.2299
177.2500	-25.7897	59.8500	97.5487	0.0348	9.6979	147.8707
177.5000	-25.8528	59.7653	97.5469	0.0294	9.6920	148.2501
177.7500	-25.9222	59.7237	97.5489	0.0240	9.6829	149.7019
178.0000	-25.9788	59.9826	97.5585	0.0216	9.6788	152.7931
178.2500	-26.0057	59.5820	97.5710	0.0220	9.6848	156.0131
178.5000	-26.0237	59.6004	97.5804	0.0236	9.6968	158.2740
178.7500	-26.0413	60.2896	97.5866	0.0237	9.7096	160.0408
179.0000	-26.0228	59.9704	97.5907	0.0209	9.7213	162.0246
179.2500	-25.9391	59.8100	97.5928	0.0174	9.7271	163.8155
179.5000	-25.8368	59.8656	97.5940	0.0161	9.7236	163.4747
179.7500	-25.7958	59.5726	97.5963	0.0163	9.7175	159.3520
180.0000	-25.8000	59.5310	97.6003	0.0169	9.7207	152.7486
180.2500	-25.7562	59.4755	97.6059	0.0175	9.7382	147.0076
180.5000	-25.6557	59.6374	97.6126	0.0180	9.7640	143.7448
180.7500	-25.5833	59.7606	97.6193	0.0184	9.7854	141.8205
181.0000	-25.5778	59.6698	97.6246	0.0188	9.7952	139.8749
181.2500	-25.6174	59.4524	97.6279	0.0185	9.7969	137.9861
181.5000	-25.6950	59.8086	97.6301	0.0175	9.7977	136.9067
181.7500	-25.7986	59.4479	97.6331	0.0166	9.7999	137.0505
182.0000	-25.8776	59.9733	97.6378	0.0170	9.8016	138.1178
182.2500	-25.9056	59.5742	97.6429	0.0189	9.8027	139.0291
182.5000	-25.9395	60.2618	97.6476	0.0215	9.8046	138.4952
182.7500	-26.0443	59.7962	97.6525	0.0234	9.8071	135.5418
183.0000	-26.1520	59.7593	97.6586	0.0242	9.8100	130.0922
183.2500	-26.1178	59.5479	97.6657	0.0247	9.8158	124.0711
183.5000	-25.9435	59.5896	97.6730	0.0256	9.8265	121.0418
183.7500	-25.7742	59.6652	97.6799	0.0265	9.8383	123.9805
184.0000	-25.6857	59.9810	97.6863	0.0267	9.8458	133.1417
184.2500	-25.6536	59.2998	97.6924	0.0255	9.8487	145.6094
184.5000	-25.6661	59.4941	97.6987	0.0235	9.8494	156.9879
184.7500	-25.7233	59.6590	97.7056	0.0216	9.8500	163.9361
185.0000	-25.7943	60.3509	97.7119	0.0201	9.8508	165.5180
185.2500	-25.8531	60.0750	97.7167	0.0186	9.8511	162.6516
185.5000	-25.9166	59.4940	97.7200	0.0168	9.8495	157.2181
185.7500	-26.0102	60.0580	97.7231	0.0146	9.8464	151.6584
186.0000	-26.0983	59.8533	97.7264	0.0128	9.8430	148.0958
186.2500	-26.1142	59.5002	97.7296	0.0122	9.8396	146.8369
186.5000	-26.0692	59.5866	97.7324	0.0128	9.8376	146.3452
186.7500	-26.0264	59.7130	97.7348	0.0137	9.8395	144.9315
187.0000	-25.9838	59.6297	97.7376	0.0144	9.8428	141.3952
187.2500	-25.9148	59.8732	97.7411	0.0147	9.8447	135.0757
187.5000	-25.8588	59.8409	97.7455	0.0151	9.8483	127.1553
187.7500	-25.8476	59.6882	97.7505	0.0159	9.8572	120.8132

188.0000	-25.8434	59.7484	97.7552	0.0165	9.8678	118.0815
188.2500	-25.8127	59.7406	97.7590	0.0164	9.8743	117.7833
188.5000	-25.7876	60.1444	97.7626	0.0158	9.8789	117.6221
188.7500	-25.8193	59.6404	97.7665	0.0149	9.8876	117.0847
189.0000	-25.8826	59.6774	97.7705	0.0143	9.8957	117.4462
189.2500	-25.8961	59.5726	97.7740	0.0140	9.8954	119.2093
189.5000	-25.8740	59.4076	97.7771	0.0133	9.8920	121.7229
189.7500	-25.9210	59.7328	97.7804	0.0112	9.8885	125.1967
190.0000	-26.0460	59.9748	97.7838	0.0079	9.8759	130.2833
190.2500	-26.1462	59.5433	97.7870	0.0057	9.8564	136.3547
190.5000	-26.1722	59.8870	97.7892	0.0068	9.8448	142.2888
190.7500	-26.1531	60.0534	97.7890	0.0096	9.8444	147.4648
191.0000	-26.1032	59.8408	97.7862	0.0115	9.8450	150.9969
191.2500	-26.0236	60.3264	97.7853	0.0119	9.8412	151.6830
191.5000	-25.9469	59.7160	97.7907	0.0113	9.8376	149.8380
191.7500	-25.9057	59.5341	97.7996	0.0102	9.8399	147.9237
192.0000	-25.8746	59.8977	97.8069	0.0094	9.8455	147.8385
192.2500	-25.8024	59.4586	97.8108	0.0089	9.8465	148.9542
192.5000	-25.7210	59.8299	97.8118	0.0084	9.8450	149.7620
192.7500	-25.7264	59.6205	97.8094	0.0081	9.8522	150.5189
193.0000	-25.8250	59.7669	97.8049	0.0081	9.8681	152.4503
193.2500	-25.9271	59.8023	97.8032	0.0085	9.8775	155.0535
193.5000	-25.9875	59.6496	97.8076	0.0094	9.8711	156.9346
193.7500	-26.0296	59.8038	97.8158	0.0118	9.8554	157.5798
194.0000	-26.0663	59.9703	97.8231	0.0156	9.8428	156.6645
194.2500	-26.0885	59.8285	97.8278	0.0182	9.8403	153.7706
194.5000	-26.0925	59.8487	97.8306	0.0177	9.8452	150.0550
194.7500	-26.0735	59.5234	97.8330	0.0151	9.8504	148.1862
195.0000	-26.0127	59.4848	97.8360	0.0127	9.8549	148.8888
195.2500	-25.9058	59.4555	97.8395	0.0116	9.8616	149.6292
195.5000	-25.8069	59.6451	97.8430	0.0112	9.8726	147.7846
195.7500	-25.7856	59.7006	97.8459	0.0111	9.8849	143.7599
196.0000	-25.8244	59.8255	97.8485	0.0112	9.8940	140.4776
196.2500	-25.8518	59.7330	97.8509	0.0110	9.8992	139.7196
196.5000	-25.8678	59.7623	97.8529	0.0105	9.9025	139.8002
196.7500	-25.9133	59.7206	97.8553	0.0094	9.9074	138.7948
197.0000	-25.9693	59.9871	97.8584	0.0067	9.9152	138.1027
197.2500	-26.0031	59.7144	97.8615	0.0025	9.9201	139.9802
197.5000	-26.0307	60.0349	97.8640	-0.0006	9.9188	144.0585
197.7500	-26.0709	59.7038	97.8647	-0.0003	9.9186	147.7491
198.0000	-26.1010	59.7838	97.8620	0.0023	9.9247	147.8324
198.2500	-26.0890	59.5911	97.8559	0.0049	9.9300	142.4577
198.5000	-26.0573	59.8116	97.8517	0.0068	9.9325	134.2833
198.7500	-26.0593	60.0336	97.8547	0.0085	9.9521	129.2230
199.0000	-26.0688	60.0857	97.8629	0.0109	10.0166	130.0412
199.2500	-25.9984	59.9472	97.8712	0.0141	10.1324	134.6383
199.5000	-25.8538	59.6774	97.8775	0.0160	10.2593	140.2457
199.7500	-25.7333	59.8639	97.8817	0.0145	10.3238	145.3656
200.0000	-25.6797	59.6512	97.8838	0.0110	10.2891	148.7285
200.2500	-25.6751	59.3723	97.8841	0.0078	10.2098	149.2709
200.5000	-25.7249	59.6772	97.8837	0.0058	10.1800	147.0096
200.7500	-25.8281	59.6528	97.8838	0.0049	10.2262	142.6921
201.0000	-25.9314	59.7175	97.8848	0.0050	10.2871	137.0716
201.2500	-25.9879	59.5664	97.8868	0.0062	10.2870	131.4703
201.5000	-26.0254	59.8161	97.8891	0.0076	10.2065	128.3385
201.7500	-26.1040	59.6342	97.8914	0.0087	10.0900	129.2903
202.0000	-26.2007	59.6605	97.8939	0.0089	9.9958	132.0791

202.2500	-26.2219	59.6065	97.8964	0.0085	9.9459	131.7841
202.5000	-26.1468	59.7778	97.8990	0.0080	9.9300	126.5564
202.7500	-26.0448	59.9795	97.9011	0.0079	9.9326	120.0440
203.0000	-25.9608	59.7991	97.9027	0.0080	9.9398	117.0695
203.2500	-25.8922	59.9149	97.9038	0.0074	9.9411	119.1860
203.5000	-25.8402	59.8301	97.9052	0.0054	9.9368	124.3831
203.7500	-25.8128	59.8285	97.9073	0.0006	9.9349	129.3027
204.0000	-25.8076	59.6990	97.9098	-0.0058	9.9393	131.5524
204.2500	-25.8265	59.7961	97.9113	-0.0090	9.9481	130.9383
204.5000	-25.8873	59.8038	97.9097	-0.0055	9.9574	129.4499
204.7500	-25.9941	59.6573	97.9024	0.0008	9.9614	129.3629
205.0000	-26.0926	59.8731	97.8911	0.0051	9.9592	130.1951
205.2500	-26.1138	59.3830	97.8859	0.0073	9.9560	128.6923
205.5000	-26.0832	59.6312	97.8941	0.0100	9.9555	123.2617
205.7500	-26.0940	59.8655	97.9089	0.0153	9.9589	116.3803
206.0000	-26.1596	59.8763	97.9200	0.0223	9.9684	111.3568
206.2500	-26.2013	59.7776	97.9259	0.0256	9.9859	108.8086
206.5000	-26.1769	59.9365	97.9297	0.0202	10.0114	107.0635
206.7500	-26.1155	59.6575	97.9330	0.0072	10.0461	104.7497
207.0000	-26.0456	59.7068	97.9357	-0.0071	10.0960	101.7215
207.2500	-25.9679	59.6265	97.9371	-0.0144	10.1639	98.1037
207.5000	-25.8852	59.5017	97.9346	-0.0121	10.2379	94.4381
207.7500	-25.8160	59.6883	97.9233	-0.0076	10.3057	91.8443
208.0000	-25.7759	59.8224	97.9058	-0.0075	10.3692	90.9214
208.2500	-25.7685	59.7393	97.8970	-0.0078	10.4211	91.6331
208.5000	-25.8129	59.5804	97.9055	-0.0015	10.4335	93.7374
208.7500	-25.9299	59.6697	97.9179	0.0114	10.3861	96.4470
209.0000	-26.0751	59.7607	97.9207	0.0241	10.2926	98.9232
209.2500	-26.1642	59.6543	97.9215	0.0286	10.1981	101.1029
209.5000	-26.1785	60.1644	97.9316	0.0248	10.1432	102.8742
209.7500	-26.1565	59.7823	97.9461	0.0221	10.1286	103.2963
210.0000	-26.1131	59.7482	97.9540	0.0260	10.1362	101.9776
210.2500	-26.0510	59.5387	97.9543	0.0302	10.1586	100.0298
210.5000	-25.9943	59.7684	97.9551	0.0279	10.1847	98.7384
210.7500	-25.9535	59.7823	97.9620	0.0219	10.1817	98.9712
211.0000	-25.8986	59.8193	97.9727	0.0187	10.1283	101.9153
211.2500	-25.8032	59.8871	97.9819	0.0198	10.0490	108.9056
211.5000	-25.7151	60.2291	97.9874	0.0212	9.9834	120.5375
211.7500	-25.7212	59.9701	97.9898	0.0196	9.9457	135.9942
212.0000	-25.8143	59.7160	97.9913	0.0155	9.9268	153.1774
212.2500	-25.8983	59.7037	97.9938	0.0116	9.9108	170.0225
212.5000	-25.9336	59.6373	97.9976	0.0097	9.8915	185.2220
212.7500	-25.9613	59.4894	98.0013	0.0099	9.8759	198.0730
213.0000	-26.0007	59.5248	98.0037	0.0108	9.8678	209.1077
213.2500	-26.0389	59.7546	98.0050	0.0109	9.8607	219.6339
213.5000	-26.0814	59.8917	98.0068	0.0103	9.8504	229.6302
213.7500	-26.1233	59.9904	98.0097	0.0102	9.8381	236.9633
214.0000	-26.1186	59.7452	98.0129	0.0109	9.8234	240.0871
214.2500	-26.0427	60.1659	98.0155	0.0119	9.8060	240.2047
214.5000	-25.9536	59.8902	98.0182	0.0125	9.7911	238.3697
214.7500	-25.9292	59.4879	98.0216	0.0124	9.7894	233.5850
215.0000	-25.9446	59.4200	98.0255	0.0121	9.8021	225.7812
215.2500	-25.9051	59.4987	98.0289	0.0120	9.8057	216.8956
215.5000	-25.8057	59.5527	98.0318	0.0120	9.7725	208.0614
215.7500	-25.7345	59.6943	98.0344	0.0115	9.7102	198.8270
216.0000	-25.7344	59.6112	98.0370	0.0106	9.6569	189.4873
216.2500	-25.7897	59.9549	98.0396	0.0095	9.6367	181.8266

216.5000	-25.8967	60.1489	98.0422	0.0086	9.6365	177.5078
216.7500	-26.0363	59.9365	98.0447	0.0082	9.6254	176.8277
217.0000	-26.1460	59.7021	98.0466	0.0081	9.5936	178.1179
217.2500	-26.1865	59.5927	98.0479	0.0085	9.5640	178.6625
217.5000	-26.1861	59.9178	98.0490	0.0094	9.5526	177.3474
217.7500	-26.1936	59.6081	98.0508	0.0107	9.5448	175.0972
218.0000	-26.1880	59.9871	98.0533	0.0126	9.5285	172.5996
218.2500	-26.0962	59.9257	98.0567	0.0146	9.5177	169.3741
218.5000	-25.9381	59.8161	98.0609	0.0163	9.5274	164.7215
218.7500	-25.8181	59.7529	98.0660	0.0171	9.5508	158.1669
219.0000	-25.7590	59.9133	98.0718	0.0172	9.5668	149.8658
219.2500	-25.7151	59.5804	98.0771	0.0170	9.5669	141.3437
219.5000	-25.6936	59.9179	98.0815	0.0168	9.5667	134.8791
219.7500	-25.7199	59.6266	98.0849	0.0170	9.5797	131.9139
220.0000	-25.7755	59.5850	98.0877	0.0173	9.5999	132.2276
220.2500	-25.8463	59.5711	98.0907	0.0173	9.6146	134.6775
220.5000	-25.9486	59.6066	98.0946	0.0171	9.6185	138.8165
220.7500	-26.0737	59.8098	98.1000	0.0170	9.6190	145.3120
221.0000	-26.1577	60.0718	98.1063	0.0166	9.6325	154.7850
221.2500	-26.1529	59.8378	98.1117	0.0156	9.6677	166.6329
221.5000	-26.1134	60.1150	98.1158	0.0141	9.7124	178.5706
221.7500	-26.1325	59.7575	98.1188	0.0125	9.7439	187.7460
222.0000	-26.1920	59.6944	98.1209	0.0115	9.7528	192.9145
222.2500	-26.1849	59.6219	98.1220	0.0113	9.7430	195.4179
222.5000	-26.0839	59.6513	98.1227	0.0118	9.7153	197.5407
222.7500	-25.9565	59.5202	98.1249	0.0127	9.6716	200.2174
223.0000	-25.8436	59.8163	98.1292	0.0141	9.6285	203.3881
223.2500	-25.7426	59.7068	98.1344	0.0159	9.6064	206.8086
223.5000	-25.6691	59.5649	98.1394	0.0180	9.6081	209.2719
223.7500	-25.6581	59.9025	98.1442	0.0200	9.6257	208.8279
224.0000	-25.7163	60.0518	98.1490	0.0217	9.6492	204.3017
224.2500	-25.8010	59.8470	98.1537	0.0230	9.6635	196.4299
224.5000	-25.8888	59.9796	98.1587	0.0239	9.6610	187.6290
224.7500	-26.0110	59.6559	98.1649	0.0246	9.6534	179.5246
225.0000	-26.1506	59.8363	98.1726	0.0256	9.6521	171.7668
225.2500	-26.2277	59.7654	98.1804	0.0268	9.6557	164.4308
225.5000	-26.2292	59.5665	98.1872	0.0280	9.6633	159.0170
225.7500	-26.1964	59.7021	98.1935	0.0283	9.6817	156.7587
226.0000	-26.1265	60.1489	98.2002	0.0272	9.7119	157.6226
226.2500	-26.0223	59.6404	98.2074	0.0252	9.7327	159.4611
226.5000	-25.9379	59.9102	98.2148	0.0232	9.7182	159.0461
226.7500	-25.8953	60.0182	98.2215	0.0216	9.6731	156.4128
227.0000	-25.8474	60.0412	98.2270	0.0208	9.6257	154.9265
227.2500	-25.7633	59.6806	98.2308	0.0204	9.5915	155.7439
227.5000	-25.7024	59.6959	98.2335	0.0196	9.5701	156.5491
227.7500	-25.7466	59.5233	98.2367	0.0183	9.5573	155.6778
228.0000	-25.8601	59.9163	98.2418	0.0172	9.5466	153.6523
228.2500	-25.9260	59.7469	98.2481	0.0171	9.5335	150.6857
228.5000	-25.9264	59.6590	98.2540	0.0182	9.5210	145.7919
228.7500	-25.9432	59.7715	98.2582	0.0198	9.5153	139.6096
229.0000	-25.9984	59.8501	98.2613	0.0211	9.5190	135.0808
229.2500	-26.0479	59.8486	98.2650	0.0226	9.5303	133.4646
229.5000	-26.0793	59.5926	98.2699	0.0243	9.5422	133.1893
229.7500	-26.0879	59.6620	98.2763	0.0262	9.5471	132.9643
230.0000	-26.0326	59.7342	98.2840	0.0279	9.5423	132.4241
230.2500	-25.9080	59.7422	98.2933	0.0297	9.5309	131.4223
230.5000	-25.7948	59.5048	98.3027	0.0316	9.5215	130.5480

230.7500	-25.7701	59.5973	98.3106	0.0333	9.5216	130.3303
231.0000	-25.7945	59.5834	98.3172	0.0342	9.5296	130.0221
231.2500	-25.7742	59.6835	98.3243	0.0338	9.5370	128.8220
231.5000	-25.7244	60.1290	98.3331	0.0326	9.5404	127.6778
231.7500	-25.7458	60.0134	98.3429	0.0315	9.5445	127.9453
232.0000	-25.8493	59.8917	98.3524	0.0308	9.5511	129.2611
232.2500	-25.9523	59.9796	98.3608	0.0306	9.5557	130.2149
232.5000	-26.0183	59.9056	98.3679	0.0305	9.5567	129.9302
232.7500	-26.0714	59.5911	98.3736	0.0302	9.5564	128.3199
233.0000	-26.1227	59.6157	98.3788	0.0296	9.5579	126.0961
233.2500	-26.1547	59.8595	98.3855	0.0292	9.5628	124.7562
233.5000	-26.1539	59.6836	98.3941	0.0295	9.5688	125.4701
233.7500	-26.1239	59.7684	98.4033	0.0310	9.5711	127.9507
234.0000	-26.0520	59.7792	98.4117	0.0327	9.5709	130.7507
234.2500	-25.9151	60.0165	98.4192	0.0334	9.5718	132.8066
234.5000	-25.7587	60.0242	98.4270	0.0325	9.5718	134.9104
234.7500	-25.6731	59.7899	98.4356	0.0312	9.5714	138.0648
235.0000	-25.6647	59.6959	98.4443	0.0304	9.5731	140.9842
235.2500	-25.6831	59.7360	98.4522	0.0306	9.5748	142.1085
235.5000	-25.7318	59.8147	98.4591	0.0317	9.5770	141.5284
235.7500	-25.8287	59.8856	98.4657	0.0327	9.5822	139.7561
236.0000	-25.9427	59.8823	98.4724	0.0331	9.5856	137.9318
236.2500	-26.0382	59.6544	98.4804	0.0328	9.5835	137.5760
236.5000	-26.1140	59.6898	98.4903	0.0323	9.5852	138.9880
236.7500	-26.1764	59.9269	98.5010	0.0323	9.6101	142.2245
237.0000	-26.1987	60.1473	98.5105	0.0328	9.6837	147.7605
237.2500	-26.1463	59.8378	98.5178	0.0328	9.8263	154.1237
237.5000	-26.0494	59.6527	98.5237	0.0313	10.0107	157.3486
237.7500	-25.9824	59.5480	98.5302	0.0283	10.1463	155.1352
238.0000	-25.9601	59.5881	98.5380	0.0254	10.1581	149.7525
238.2500	-25.9374	59.8070	98.5461	0.0243	10.0603	144.8366
238.5000	-25.8993	59.6575	98.5528	0.0255	9.9243	141.4812
238.7500	-25.8618	59.6852	98.5576	0.0283	9.8052	138.8505
239.0000	-25.8206	59.6513	98.5614	0.0317	9.7185	136.6903
239.2500	-25.7769	59.9411	98.5663	0.0349	9.6624	136.2958
239.5000	-25.7641	60.0535	98.5747	0.0385	9.6356	139.2959
239.7500	-25.8016	59.8085	98.5869	0.0427	9.6323	145.2496
240.0000	-25.8600	59.9210	98.6013	0.0464	9.6412	151.4140
240.2500	-25.8980	59.8116	98.6159	0.0486	9.6584	154.8362
240.5000	-25.9342	59.9285	98.6299	0.0493	9.6847	154.5173
240.7500	-26.0310	59.5912	98.6430	0.0490	9.7038	152.5826
241.0000	-26.1662	59.6482	98.6541	0.0480	9.6959	152.0460
241.2500	-26.2252	60.3729	98.6635	0.0468	9.6731	153.1465
241.5000	-26.1573	59.7884	98.6733	0.0448	9.6655	154.1077
241.7500	-26.0217	59.8871	98.6848	0.0417	9.6801	154.4130
242.0000	-25.8890	59.9951	98.6974	0.0390	9.6960	154.6724
242.2500	-25.7946	59.6188	98.7095	0.0376	9.6912	154.6994
242.5000	-25.7559	59.7929	98.7194	0.0369	9.6663	154.1144
242.7500	-25.7626	59.9503	98.7264	0.0359	9.6431	153.3372
243.0000	-25.7730	59.4785	98.7320	0.0342	9.6355	152.9866
243.2500	-25.7630	59.8269	98.7386	0.0326	9.6350	153.7257
243.5000	-25.7742	59.7419	98.7472	0.0320	9.6308	156.2612
243.7500	-25.8666	59.3059	98.7566	0.0328	9.6266	160.4228
244.0000	-26.0009	59.6837	98.7657	0.0345	9.6285	164.4598
244.2500	-26.0691	59.6420	98.7747	0.0365	9.6304	165.8103
244.5000	-26.0591	59.9181	98.7835	0.0387	9.6249	163.1812
244.7500	-26.0560	60.0564	98.7920	0.0412	9.6148	158.0677

245.0000	-26.0822	59.5433	98.8009	0.0439	9.6055	153.7616
245.2500	-26.0772	59.8995	98.8116	0.0464	9.5962	152.5805
245.5000	-26.0115	60.0828	98.8245	0.0486	9.5855	154.1202
245.7500	-25.9155	59.1966	98.8389	0.0503	9.5776	156.3497
246.0000	-25.8173	59.1010	98.8535	0.0503	9.5743	158.0932
246.2500	-25.7215	59.4895	98.8675	0.0477	9.5702	159.3238
246.5000	-25.6614	59.2798	98.8808	0.0431	9.5639	159.5137
246.7500	-25.6918	59.4771	98.8927	0.0386	9.5613	157.1684
247.0000	-25.7859	59.6590	98.9016	0.0361	9.5664	151.0906
247.2500	-25.8486	59.8332	98.9070	0.0363	9.5768	141.8162
247.5000	-25.8618	59.8054	98.9108	0.0381	9.5837	131.0386
247.7500	-25.8907	59.8039	98.9161	0.0405	9.5823	120.0691
248.0000	-25.9587	60.1168	98.9257	0.0433	9.5798	110.3454
248.2500	-26.0382	59.6452	98.9400	0.0471	9.5824	104.0917
248.5000	-26.1213	59.6698	98.9570	0.0514	9.5844	102.7380
248.7500	-26.1946	59.4725	98.9737	0.0548	9.5804	105.6804
249.0000	-26.2117	59.8702	98.9882	0.0555	9.5769	111.2736
249.2500	-26.1568	59.7299	99.0012	0.0530	9.5800	117.6392
249.5000	-26.0732	59.8979	99.0137	0.0482	9.5832	122.7428
249.7500	-26.0068	59.7869	99.0258	0.0436	9.5801	125.7539
250.0000	-25.9498	59.9766	99.0368	0.0405	9.5776	127.9025
250.2500	-25.8649	59.9318	99.0459	0.0386	9.5837	130.4755
250.5000	-25.7657	59.7437	99.0535	0.0368	9.5944	132.8306
250.7500	-25.7117	60.0688	99.0608	0.0347	9.6019	133.9549
251.0000	-25.7148	59.9565	99.0692	0.0339	9.6048	134.4562
251.2500	-25.7435	59.5341	99.0785	0.0360	9.6054	135.7614
251.5000	-25.7936	59.9318	99.0872	0.0408	9.6055	138.2581
251.7500	-25.8730	59.5880	99.0952	0.0461	9.6055	139.9279
252.0000	-25.9648	59.6898	99.1045	0.0494	9.6055	138.1853
252.2500	-26.0508	59.6344	99.1179	0.0501	9.6055	133.2819
252.5000	-26.1345	59.8887	99.1352	0.0496	9.6055	127.7112
252.7500	-26.2118	59.8915	99.1531	0.0500	9.6056	123.8477
253.0000	-26.2269	59.5618	99.1680	0.0514	9.6064	122.8365
253.2500	-26.1212	59.4385	99.1786	0.0519	9.6099	123.7895
253.5000	-25.9518	59.6173	99.1865	0.0502	9.6201	124.5799
253.7500	-25.8497	59.6097	99.1953	0.0471	9.6381	124.3587
254.0000	-25.8374	59.3969	99.2074	0.0449	9.6566	124.0856
254.2500	-25.8326	59.5665	99.2217	0.0448	9.6669	124.5451
254.5000	-25.8133	59.7623	99.2356	0.0462	9.6723	125.6164
254.7500	-25.8184	59.6651	99.2473	0.0473	9.6787	127.2164
255.0000	-25.8424	59.4785	99.2578	0.0476	9.6818	129.2091
255.2500	-25.8599	59.6989	99.2683	0.0484	9.6771	130.8503
255.5000	-25.8833	60.0103	99.2789	0.0509	9.6711	131.0420
255.7500	-25.9280	59.9534	99.2900	0.0549	9.6699	129.0513
256.0000	-25.9754	59.8732	99.3026	0.0589	9.6706	125.5019
256.2500	-26.0008	59.7684	99.3185	0.0621	9.6729	122.2347
256.5000	-26.0257	59.9502	99.3373	0.0642	9.6805	120.7714
256.7500	-26.0934	59.4385	99.3570	0.0652	9.6889	121.0635
257.0000	-26.1667	60.0704	99.3756	0.0645	9.6890	121.7597
257.2500	-26.1513	59.6312	99.3924	0.0616	9.6812	121.8797
257.5000	-26.0440	59.6035	99.4073	0.0571	9.6762	121.7717
257.7500	-25.9259	59.9365	99.4203	0.0520	9.6809	121.8475
258.0000	-25.8335	59.5648	99.4315	0.0469	9.6905	121.9381
258.2500	-25.7579	59.8131	99.4418	0.0422	9.6980	122.5993
258.5000	-25.7109	60.0274	99.4516	0.0393	9.7020	124.8775
258.7500	-25.7132	59.7699	99.4610	0.0392	9.7041	128.3205
259.0000	-25.7549	59.8301	99.4694	0.0412	9.7070	130.9273

259.2500	-25.8030	59.6051	99.4769	0.0441	9.7145	131.4965
259.5000	-25.8575	59.8270	99.4859	0.0467	9.7270	131.7540
259.7500	-25.9548	59.7793	99.4986	0.0494	9.7416	134.4886
260.0000	-26.0747	60.0950	99.5140	0.0519	9.7571	138.4420
260.2500	-26.1363	59.7990	99.5299	0.0539	9.7749	139.0502
260.5000	-26.1180	59.8841	99.5451	0.0547	9.7925	135.0835
260.7500	-26.0638	59.8732	99.5598	0.0544	9.8055	129.8204
261.0000	-25.9855	59.8868	99.5732	0.0536	9.8147	126.1345
261.2500	-25.8826	59.7545	99.5846	0.0527	9.8215	123.8163
261.5000	-25.7984	59.9796	99.5953	0.0517	9.8234	121.9409
261.7500	-25.7620	59.7947	99.6074	0.0509	9.8206	121.0366
262.0000	-25.7432	59.6436	99.6212	0.0505	9.8197	121.6574
262.2500	-25.7170	59.6267	99.6352	0.0506	9.8243	123.6168
262.5000	-25.7205	59.5480	99.6485	0.0504	9.8299	126.6519
262.7500	-25.8018	59.8993	99.6615	0.0490	9.8361	129.5850
263.0000	-25.9235	59.7160	99.6742	0.0468	9.8502	130.0476
263.2500	-25.9949	60.4758	99.6858	0.0449	9.8682	127.3376
263.5000	-26.0046	59.7684	99.6960	0.0435	9.8716	124.2278
263.7500	-26.0163	60.0073	99.7054	0.0424	9.8542	123.3522
264.0000	-26.0468	59.6512	99.7149	0.0421	9.8323	123.8106
264.2500	-26.0689	59.9040	99.7251	0.0427	9.8161	123.5787
264.5000	-26.0829	59.7114	99.7356	0.0434	9.7954	122.2339
264.7500	-26.0847	59.8194	99.7464	0.0434	9.7632	120.3677
265.0000	-26.0390	59.6127	99.7584	0.0428	9.7309	118.4216
265.2500	-25.9484	59.4710	99.7712	0.0426	9.7115	116.2267
265.5000	-25.8746	59.6096	99.7829	0.0435	9.7050	113.8286
265.7500	-25.8576	59.7099	99.7922	0.0452	9.7063	112.3918
266.0000	-25.8550	59.7607	99.8004	0.0471	9.7131	112.6354
266.2500	-25.8057	59.9239	99.8103	0.0486	9.7219	113.1100
266.5000	-25.7483	60.0473	99.8225	0.0498	9.7258	112.3696
266.7500	-25.7792	60.0272	99.8368	0.0512	9.7210	112.1647
267.0000	-25.8894	59.7746	99.8525	0.0525	9.7126	115.0953
267.2500	-25.9843	59.5511	99.8684	0.0529	9.7067	120.2628
267.5000	-26.0348	59.6960	99.8825	0.0522	9.7043	124.7127
267.7500	-26.0779	59.8671	99.8945	0.0507	9.7032	126.9404
268.0000	-26.1292	59.9086	99.9055	0.0489	9.7004	127.0101
268.2500	-26.1712	59.8624	99.9161	0.0475	9.6936	125.1053
268.5000	-26.1859	59.9750	99.9269	0.0474	9.6862	121.3537
268.7500	-26.1638	59.7437	99.9382	0.0478	9.6878	116.7193
269.0000	-26.0846	59.8177	99.9503	0.0480	9.7020	112.4701
269.2500	-25.9362	59.4893	99.9634	0.0479	9.7162	108.8237
269.5000	-25.7870	59.6757	99.9772	0.0476	9.7180	105.0292
269.7500	-25.7466	59.8129	99.9902	0.0469	9.7112	100.6596
270.0000	-25.8156	59.9162	100.0015	0.0458	9.7051	96.4929
270.2500	-25.8964	59.4925	100.0119	0.0438	9.7026	93.7720
270.5000	-25.9476	60.0318	100.0220	0.0411	9.7020	93.1933
270.7500	-25.9965	59.8376	100.0320	0.0384	9.7020	94.8742
271.0000	-26.0439	59.9056	100.0419	0.0368	9.7020	98.2089
271.2500	-26.0650	60.2247	100.0511	0.0362	9.7020	101.8907
271.5000	-26.0619	59.8793	100.0593	0.0367	9.7023	104.6605
271.7500	-26.0640	59.6604	100.0670	0.0376	9.7026	105.6833
272.0000	-26.0816	59.5048	100.0750	0.0384	9.7021	104.9932
272.2500	-26.0807	59.5957	100.0843	0.0387	9.7001	104.1221
272.5000	-26.0483	59.6667	100.0953	0.0391	9.7027	104.6578
272.7500	-26.0275	59.9656	100.1073	0.0399	9.7206	106.2347
273.0000	-26.0232	59.8177	100.1186	0.0411	9.7488	107.6831
273.2500	-25.9785	59.8067	100.1285	0.0426	9.7621	108.8395

273.5000	-25.8907	60.0289	100.1376	0.0442	9.7485	109.9517
273.7500	-25.8282	59.6527	100.1468	0.0464	9.7248	110.7051
274.0000	-25.8245	59.7576	100.1573	0.0494	9.7092	110.5517
274.2500	-25.8597	59.4508	100.1694	0.0524	9.7034	109.4476
274.5000	-25.9166	59.7253	100.1836	0.0543	9.7020	108.0246
274.7500	-25.9751	59.7916	100.2000	0.0548	9.7013	107.4064
275.0000	-25.9945	59.5202	100.2173	0.0542	9.6987	108.4376
275.2500	-25.9677	59.6482	100.2333	0.0525	9.6921	110.5632
275.5000	-25.9678	59.7669	100.2462	0.0493	9.6832	112.2562
275.7500	-26.0710	59.8777	100.2564	0.0445	9.6800	112.4768
276.0000	-26.2202	59.9454	100.2657	0.0392	9.6898	111.3555
276.2500	-26.2710	60.0290	100.2744	0.0351	9.7112	110.1647
276.5000	-26.1885	59.5140	100.2822	0.0328	9.7386	109.7629
276.7500	-26.0653	59.6019	100.2889	0.0314	9.7650	109.6237
277.0000	-25.9672	59.6683	100.2957	0.0304	9.7817	109.5353
277.2500	-25.8934	59.5234	100.3036	0.0307	9.7841	109.8027
277.5000	-25.8401	59.7762	100.3118	0.0327	9.7777	110.2122
277.7500	-25.8104	59.7638	100.3192	0.0361	9.7741	111.1463
278.0000	-25.7955	59.8393	100.3265	0.0399	9.7796	113.8210
278.2500	-25.7868	60.0457	100.3358	0.0430	9.7891	118.0894
278.5000	-25.7990	59.9134	100.3476	0.0455	9.7954	121.5930
278.7500	-25.8528	59.8871	100.3612	0.0484	9.7965	122.2491
279.0000	-25.9129	59.6589	100.3755	0.0516	9.7920	120.5627
279.2500	-25.9102	59.6296	100.3895	0.0540	9.7828	118.4273
279.5000	-25.8696	59.7483	100.4029	0.0548	9.7767	117.0584
279.7500	-25.8934	59.7052	100.4161	0.0542	9.7810	116.6452
280.0000	-25.9921	60.0180	100.4298	0.0528	9.7917	116.7511
280.2500	-26.0766	59.7113	100.4438	0.0514	9.8011	116.9259
280.5000	-26.0998	59.8038	100.4572	0.0508	9.8095	117.0583
280.7500	-26.0804	59.8930	100.4696	0.0510	9.8191	117.1395
281.0000	-26.0371	59.7314	100.4810	0.0513	9.8271	117.3949
281.2500	-25.9797	59.5988	100.4923	0.0515	9.8328	117.7425
281.5000	-25.9363	59.8440	100.5046	0.0518	9.8435	117.1193
281.7500	-25.9528	59.8640	100.5181	0.0524	9.8614	115.0440
282.0000	-26.0569	59.5758	100.5324	0.0532	9.8799	112.8095
282.2500	-26.2354	59.6466	100.5468	0.0539	9.8968	111.5558
282.5000	-26.4533	60.3665	100.5608	0.0546	9.9139	110.5188
282.7500	-26.6644	59.9625	100.5744	0.0559	9.9285	108.6268
283.0000	-26.7982	59.7052	100.5874	0.0575	9.9372	106.2965
283.2500	-26.7999	59.7128	100.6001	0.0587	9.9425	104.3370
283.5000	-26.7132	60.2109	100.6139	0.0587	9.9487	103.0314
283.7500	-26.6354	59.5803	100.6298	0.0575	9.9556	102.9111
284.0000	-26.5788	59.8130	100.6474	0.0560	9.9591	104.1471
284.2500	-26.4862	59.7021	100.6642	0.0552	9.9594	105.4257
284.5000	-26.3458	59.8162	100.6782	0.0544	9.9587	105.9890
284.7500	-26.1892	59.6513	100.6893	0.0530	9.9531	106.8742
285.0000	-26.0317	59.7466	100.6995	0.0511	9.9389	108.0355
285.2500	-25.8811	59.9887	100.7105	0.0490	9.9161	108.0382
285.5000	-25.7860	59.9257	100.7227	0.0474	9.8881	107.3858
285.7500	-25.8108	59.6898	100.7358	0.0468	9.8636	108.1975
286.0000	-25.9540	59.7376	100.7496	0.0469	9.8493	111.2419
286.2500	-26.1548	59.8470	100.7623	0.0467	9.8422	115.4494
286.5000	-26.3755	59.7576	100.7731	0.0456	9.8359	119.1781
286.7500	-26.6063	59.5804	100.7829	0.0431	9.8294	121.3279
287.0000	-26.8046	59.4662	100.7932	0.0399	9.8266	121.9854
287.2500	-26.9115	59.7037	100.8039	0.0376	9.8280	122.4614
287.5000	-26.9344	59.8732	100.8138	0.0371	9.8302	124.2596

287.7500	-26.9269	59.6866	100.8220	0.0374	9.8333	127.4121
288.0000	-26.9047	59.8409	100.8293	0.0374	9.8374	130.0667
288.2500	-26.8499	59.7144	100.8376	0.0371	9.8389	130.4095
288.5000	-26.7624	59.9472	100.8473	0.0374	9.8353	128.9986
288.7500	-26.6636	59.8316	100.8577	0.0390	9.8292	127.4558
289.0000	-26.5666	60.2879	100.8679	0.0419	9.8259	125.6149
289.2500	-26.4712	59.7160	100.8782	0.0451	9.8263	122.4021
289.5000	-26.4101	59.8194	100.8886	0.0483	9.8293	117.7839
289.7500	-26.4353	60.0949	100.9000	0.0517	9.8402	112.5337
290.0000	-26.5144	59.6435	100.9131	0.0556	9.8631	108.0304
290.2500	-26.5525	59.5973	100.9279	0.0595	9.8928	105.7717
290.5000	-26.5499	59.6929	100.9439	0.0625	9.9221	106.2627
290.7500	-26.5952	59.4339	100.9610	0.0638	9.9436	109.2339
291.0000	-26.6911	59.9609	100.9791	0.0631	9.9512	113.9242
291.2500	-26.7333	59.9195	100.9971	0.0608	9.9487	118.5141
291.5000	-26.6666	59.6867	101.0137	0.0578	9.9468	120.8746
291.7500	-26.5459	59.5263	101.0277	0.0544	9.9524	120.5446
292.0000	-26.4388	59.5187	101.0393	0.0506	9.9636	119.1340
292.2500	-26.3471	59.7823	101.0495	0.0470	9.9719	117.9501
292.5000	-26.2381	59.8764	101.0595	0.0451	9.9698	116.1474
292.7500	-26.1064	59.7437	101.0698	0.0453	9.9605	112.9588
293.0000	-25.9693	59.8978	101.0803	0.0464	9.9528	109.9603
293.2500	-25.8433	59.9333	101.0912	0.0472	9.9498	108.8807
293.5000	-25.7897	60.2186	101.1038	0.0474	9.9466	109.3098
293.7500	-25.8941	59.4847	101.1183	0.0481	9.9393	109.9479
294.0000	-26.1266	59.6605	101.1322	0.0494	9.9299	110.2916
294.2500	-26.3567	59.5850	101.1438	0.0504	9.9233	110.5567
294.5000	-26.5404	59.8008	101.1544	0.0503	9.9228	111.2149
294.7500	-26.7391	59.5217	101.1661	0.0491	9.9252	112.6093
295.0000	-26.9549	59.4463	101.1791	0.0474	9.9267	114.3759
295.2500	-27.0931	59.6003	101.1921	0.0463	9.9293	115.8891
295.5000	-27.0936	59.9796	101.2045	0.0456	9.9304	117.3098
295.7500	-26.9985	59.9270	101.2164	0.0443	9.9251	118.7658
296.0000	-26.8739	59.7623	101.2270	0.0424	9.9194	119.2181
296.2500	-26.7209	59.6914	101.2364	0.0406	9.9225	118.0902
296.5000	-26.5083	59.7176	101.2455	0.0392	9.9322	116.8354
296.7500	-26.2636	59.8855	101.2547	0.0384	9.9416	117.6312
297.0000	-26.0453	60.1168	101.2639	0.0385	9.9478	121.1576
297.2500	-25.8724	59.8378	101.2732	0.0398	9.9513	125.5949
297.5000	-25.7831	59.9270	101.2829	0.0418	9.9558	128.0275
297.7500	-25.8521	59.8562	101.2931	0.0438	9.9636	127.3617
298.0000	-26.0613	59.9751	101.3040	0.0452	9.9681	124.9679
298.2500	-26.2910	59.6837	101.3159	0.0459	9.9644	122.0169
298.5000	-26.4638	59.8888	101.3291	0.0463	9.9596	118.4850
298.7500	-26.5795	59.9425	101.3424	0.0462	9.9633	115.1156
299.0000	-26.6458	60.1998	101.3544	0.0455	9.9739	113.5682
299.2500	-26.6619	59.8038	101.3651	0.0441	9.9831	114.3347
299.5000	-26.6306	59.7407	101.3754	0.0425	9.9853	115.9618
299.7500	-26.5450	59.8422	101.3855	0.0414	9.9792	116.7089
300.0000	-26.3703	59.7854	101.3951	0.0413	9.9672	116.5050
300.2500	-26.0871	59.7111	101.4042	0.0413	9.9559	116.6754
300.5000	-25.7814	59.9318	101.4141	0.0409	9.9479	118.0691
300.7500	-25.5888	59.8147	101.4253	0.0399	9.9369	120.1361
301.0000	-25.5074	59.8792	101.4369	0.0391	9.9194	121.7062
301.2500	-25.4211	59.8115	101.4478	0.0391	9.9030	121.9125
301.5000	-25.3244	60.0906	101.4572	0.0397	9.8963	120.6094
301.7500	-25.3475	59.6327	101.4654	0.0402	9.9002	118.2812

302.0000	-25.5462	60.0703	101.4733	0.0405	9.9096	115.1288
302.2500	-25.8176	59.8732	101.4824	0.0410	9.9167	110.9472
302.5000	-26.0316	59.8793	101.4935	0.0419	9.9150	106.7258
302.7500	-26.1368	59.8622	101.5058	0.0429	9.9065	104.6594
303.0000	-26.1337	59.6621	101.5179	0.0439	9.9006	104.7935
303.2500	-26.0475	59.7068	101.5297	0.0446	9.9049	104.1299
303.5000	-25.9482	59.9084	101.5409	0.0447	9.9144	100.8563
303.7500	-25.8957	59.7607	101.5512	0.0442	9.9128	97.0020
304.0000	-25.8276	59.9039	101.5611	0.0435	9.8948	95.7809
304.2500	-25.6218	60.2850	101.5715	0.0424	9.8764	97.9245
304.5000	-25.3008	59.5264	101.5828	0.0414	9.8695	101.3766
304.7500	-25.0194	59.7976	101.5941	0.0409	9.8654	103.8534
305.0000	-24.8552	59.5696	101.6049	0.0410	9.8534	104.6019
305.2500	-24.7834	59.7575	101.6146	0.0410	9.8384	103.8200
305.5000	-24.7946	59.9812	101.6237	0.0405	9.8318	101.9860
305.7500	-24.9008	59.5541	101.6330	0.0398	9.8359	99.9642
306.0000	-25.0840	59.5233	101.6431	0.0393	9.8442	98.3502
306.2500	-25.2995	59.7962	101.6536	0.0395	9.8488	96.8209
306.5000	-25.5140	59.5649	101.6639	0.0402	9.8436	94.8008
306.7500	-25.7183	59.8501	101.6737	0.0411	9.8288	92.0706
307.0000	-25.8840	59.9086	101.6835	0.0418	9.8121	88.7458
307.2500	-25.9844	59.8162	101.6936	0.0423	9.8008	85.5662
307.5000	-26.0669	60.1089	101.7041	0.0426	9.7960	83.7423
307.7500	-26.1711	59.9163	101.7151	0.0431	9.7943	84.2712
308.0000	-26.2327	59.5387	101.7267	0.0443	9.7912	87.8043
308.2500	-26.1962	59.5973	101.7382	0.0457	9.7837	94.2134
308.5000	-26.1049	59.8746	101.7490	0.0465	9.7709	102.1669
308.7500	-26.0246	60.4343	101.7599	0.0464	9.7553	109.8108
309.0000	-25.9821	59.7176	101.7721	0.0459	9.7402	115.6786
309.2500	-25.9837	59.7299	101.7851	0.0457	9.7276	119.5217
309.5000	-26.0412	59.7468	101.7971	0.0462	9.7221	121.5752
309.7500	-26.1579	59.9932	101.8080	0.0466	9.7256	120.9454
310.0000	-26.2904	59.8562	101.8185	0.0461	9.7299	117.5119
310.2500	-26.3799	59.7931	101.8296	0.0453	9.7275	113.9626
310.5000	-26.4317	59.8533	101.8414	0.0450	9.7238	112.9640
310.7500	-26.4826	59.9965	101.8530	0.0450	9.7232	113.9592
311.0000	-26.5018	59.8779	101.8643	0.0447	9.7178	114.5820
311.2500	-26.4416	59.9840	101.8757	0.0444	9.7022	114.1323
311.5000	-26.3350	59.4261	101.8872	0.0449	9.6866	113.8013
311.7500	-26.2339	59.4508	101.8980	0.0461	9.6806	114.3053
312.0000	-26.1359	59.9826	101.9078	0.0465	9.6767	115.5087
312.2500	-26.0282	59.5697	101.9183	0.0454	9.6648	117.7319
312.5000	-25.9324	59.6020	101.9312	0.0436	9.6497	120.8743
312.7500	-25.8841	59.9933	101.9451	0.0422	9.6412	123.1926
313.0000	-25.8926	59.6851	101.9573	0.0413	9.6367	123.4295
313.2500	-25.9372	60.0567	101.9666	0.0403	9.6281	121.8420
313.5000	-26.0056	59.9935	101.9744	0.0387	9.6168	118.1773
313.7500	-26.1005	59.9257	101.9823	0.0372	9.6092	112.5195
314.0000	-26.2044	59.5957	101.9905	0.0371	9.6063	107.5981
314.2500	-26.2963	59.8100	101.9989	0.0386	9.6056	106.2447
314.5000	-26.3846	59.8024	102.0085	0.0411	9.6055	107.4999
314.7500	-26.4425	60.0026	102.0195	0.0442	9.6055	108.3548
315.0000	-26.3805	59.6820	102.0315	0.0475	9.6055	107.7240
315.2500	-26.1741	60.0043	102.0438	0.0500	9.6055	106.1127
315.5000	-25.9123	59.7406	102.0567	0.0508	9.6055	104.0045
315.7500	-25.6850	59.5803	102.0707	0.0500	9.6055	102.1675
316.0000	-25.5130	60.0166	102.0854	0.0486	9.6055	101.4817

316.2500	-25.3828	59.8038	102.0989	0.0471	9.6055	101.6796
316.5000	-25.3119	59.9288	102.1100	0.0452	9.6055	100.9399
316.7500	-25.3426	59.8979	102.1195	0.0427	9.6055	97.6523
317.0000	-25.4629	60.0860	102.1288	0.0398	9.6055	92.5005
317.2500	-25.6038	59.8671	102.1381	0.0368	9.6054	87.8194
317.5000	-25.7142	59.7931	102.1471	0.0345	9.6048	85.0913
317.7500	-25.7693	59.6590	102.1562	0.0330	9.6019	84.3525
318.0000	-25.7580	59.5465	102.1649	0.0321	9.5944	85.7830
318.2500	-25.7198	59.7342	102.1725	0.0315	9.5838	90.2283
318.5000	-25.7227	59.5434	102.1789	0.0315	9.5784	97.8197
318.7500	-25.7580	59.5866	102.1855	0.0320	9.5839	106.6639
319.0000	-25.7248	59.8980	102.1930	0.0329	9.5951	113.7886
319.2500	-25.5532	59.7145	102.2011	0.0337	9.6051	117.2683
319.5000	-25.3009	59.8561	102.2101	0.0340	9.6148	116.8966
319.7500	-25.0790	59.7436	102.2202	0.0341	9.6255	113.7520
320.0000	-24.9174	59.6668	102.2307	0.0345	9.6337	109.3633
320.2500	-24.7897	59.2643	102.2399	0.0352	9.6386	105.0610
320.5000	-24.7140	59.7699	102.2470	0.0359	9.6474	101.7742
320.7500	-24.7420	59.8671	102.2538	0.0361	9.6620	100.0681
321.0000	-24.8934	59.7637	102.2620	0.0361	9.6769	100.3112
321.2500	-25.1317	59.7499	102.2716	0.0364	9.6920	102.2514
321.5000	-25.4025	59.8917	102.2819	0.0369	9.7118	104.8380
321.7500	-25.6739	59.4847	102.2924	0.0370	9.7404	107.7129
322.0000	-25.9036	59.5804	102.3029	0.0367	9.7829	111.6920
322.2500	-26.0397	59.9255	102.3126	0.0360	9.8290	116.5908
322.5000	-26.0968	59.9795	102.3207	0.0351	9.8494	120.3873
322.7500	-26.1352	60.1119	102.3279	0.0336	9.8362	121.4305
323.0000	-26.1502	59.5957	102.3353	0.0321	9.8185	120.1124
323.2500	-26.0815	59.7452	102.3436	0.0313	9.8186	117.7280
323.5000	-25.9158	59.6928	102.3520	0.0318	9.8273	114.8620
323.7500	-25.7115	59.3892	102.3597	0.0330	9.8283	111.4381
324.0000	-25.5404	59.9424	102.3671	0.0337	9.8184	107.7804
324.2500	-25.4421	60.0334	102.3752	0.0332	9.8058	105.0682
324.5000	-25.4337	59.6975	102.3843	0.0325	9.7987	104.3895
324.7500	-25.5122	59.6188	102.3940	0.0321	9.7972	105.4106
325.0000	-25.6167	59.4385	102.4027	0.0320	9.7977	106.5473
325.2500	-25.6708	59.8515	102.4101	0.0322	9.7974	107.1485
325.5000	-25.7026	59.7331	102.4170	0.0325	9.7948	107.7450
325.7500	-25.8058	59.6667	102.4239	0.0322	9.7881	107.9843
326.0000	-25.9634	59.8609	102.4311	0.0315	9.7810	107.3707
326.2500	-26.0597	59.7729	102.4396	0.0305	9.7855	106.6809
326.5000	-26.0476	59.8008	102.4493	0.0299	9.8076	106.1223
326.7500	-25.9661	59.8823	102.4584	0.0301	9.8318	104.4288
327.0000	-25.8534	59.8609	102.4656	0.0310	9.8374	101.4715
327.2500	-25.7272	59.6852	102.4712	0.0312	9.8244	99.2489
327.5000	-25.6067	59.7314	102.4767	0.0302	9.8082	99.2606
327.7500	-25.5096	59.6851	102.4841	0.0292	9.7986	101.3118
328.0000	-25.4318	59.8965	102.4930	0.0293	9.7953	104.8279
328.2500	-25.3619	60.2726	102.5020	0.0301	9.7948	109.1815
328.5000	-25.3306	59.9565	102.5096	0.0303	9.7947	112.9933
328.7500	-25.3872	59.7037	102.5168	0.0293	9.7952	114.7377
329.0000	-25.5147	59.6544	102.5241	0.0276	9.7965	114.1114
329.2500	-25.6690	59.6914	102.5313	0.0266	9.7978	111.4771
329.5000	-25.8596	59.4261	102.5374	0.0266	9.7987	106.8762
329.7500	-26.0797	59.8779	102.5426	0.0265	9.8010	101.1691
330.0000	-26.2534	59.7792	102.5482	0.0261	9.8066	96.3253
330.2500	-26.3265	59.9441	102.5552	0.0261	9.8153	93.6316

330.5000	-26.3218	59.9455	102.5628	0.0275	9.8211	92.9771
330.7500	-26.2863	59.8160	102.5698	0.0297	9.8181	93.2634
331.0000	-26.2257	59.6868	102.5763	0.0311	9.8080	92.6411
331.2500	-26.1181	59.5403	102.5836	0.0315	9.7960	90.1987
331.5000	-26.0020	59.7667	102.5925	0.0311	9.7818	87.1396
331.7500	-25.9593	59.7438	102.6019	0.0301	9.7605	84.8012
332.0000	-25.9840	59.9502	102.6104	0.0280	9.7326	83.5970
332.2500	-25.9901	59.9086	102.6181	0.0246	9.7053	83.7930
332.5000	-25.9545	59.7792	102.6250	0.0208	9.6853	85.5843
332.7500	-25.9285	59.7437	102.6300	0.0176	9.6768	88.2366
333.0000	-25.9371	59.5803	102.6322	0.0156	9.6811	89.7978
333.2500	-25.9681	59.6959	102.6327	0.0143	9.6911	89.4313
333.5000	-26.0180	59.7376	102.6340	0.0139	9.6982	88.6332
333.7500	-26.0875	59.5234	102.6372	0.0147	9.7003	88.7176
334.0000	-26.1521	59.9535	102.6416	0.0167	9.6974	89.6538
334.2500	-26.1700	59.8532	102.6467	0.0190	9.6866	91.2772
334.5000	-26.1358	59.6881	102.6528	0.0206	9.6658	93.3908
334.7500	-26.0825	60.1414	102.6594	0.0216	9.6402	95.8141
335.0000	-25.9977	59.8977	102.6656	0.0224	9.6199	98.7388
335.2500	-25.8348	59.8809	102.6707	0.0230	9.6096	101.7307
335.5000	-25.6297	59.7838	102.6753	0.0234	9.6056	103.8672
335.7500	-25.4736	59.7220	102.6804	0.0238	9.6024	105.4374
336.0000	-25.3883	59.9148	102.6863	0.0245	9.5956	107.3274
336.2500	-25.3540	59.7946	102.6927	0.0256	9.5862	109.5614
336.5000	-25.3901	59.6712	102.6995	0.0263	9.5814	111.7652
336.7500	-25.5221	59.7623	102.7070	0.0262	9.5862	113.3703
337.0000	-25.7225	59.5912	102.7147	0.0254	9.5956	113.8901
337.2500	-25.9170	59.6726	102.7218	0.0240	9.6023	114.1147
337.5000	-26.0564	59.7882	102.7278	0.0226	9.6048	115.0225
337.7500	-26.1492	59.7608	102.7328	0.0212	9.6054	115.6124
338.0000	-26.1768	59.7005	102.7370	0.0197	9.6055	114.5218
338.2500	-26.0855	59.9349	102.7408	0.0184	9.6055	112.3808
338.5000	-25.9089	59.8562	102.7447	0.0177	9.6056	110.1237
338.7500	-25.7439	60.0120	102.7493	0.0175	9.6064	107.3840
339.0000	-25.6121	59.8454	102.7540	0.0176	9.6103	104.4657
339.2500	-25.4848	60.1536	102.7586	0.0177	9.6228	103.2916
339.5000	-25.3739	59.8255	102.7633	0.0181	9.6472	105.1983
339.7500	-25.3155	60.2091	102.7679	0.0187	9.6731	109.6143
340.0000	-25.3231	59.8331	102.7721	0.0199	9.6792	115.1148
340.2500	-25.3880	59.7113	102.7763	0.0218	9.6589	120.2044
340.5000	-25.5146	59.7529	102.7809	0.0234	9.6311	122.9667
340.7500	-25.7089	59.6913	102.7866	0.0240	9.6136	122.0046
341.0000	-25.8999	59.5079	102.7939	0.0239	9.6072	118.3181
341.2500	-25.9756	59.5974	102.8023	0.0242	9.6058	114.3781
341.5000	-25.9354	59.6359	102.8101	0.0250	9.6056	111.4006
341.7500	-25.8694	59.7654	102.8158	0.0255	9.6055	109.4428
342.0000	-25.8163	59.4662	102.8200	0.0251	9.6055	109.0265
342.2500	-25.7702	59.9748	102.8246	0.0241	9.6055	110.3530
342.5000	-25.7432	59.7282	102.8308	0.0237	9.6055	112.4016
342.7500	-25.7316	59.6758	102.8376	0.0246	9.6055	114.1035
343.0000	-25.6909	60.0212	102.8440	0.0263	9.6055	115.0933
343.2500	-25.5932	59.8501	102.8504	0.0277	9.6055	115.3775
343.5000	-25.4861	60.2214	102.8575	0.0286	9.6055	114.8196
343.7500	-25.4479	60.0118	102.8651	0.0293	9.6055	113.4704
344.0000	-25.4851	59.8671	102.8726	0.0304	9.6057	112.7086
344.2500	-25.5412	59.7160	102.8801	0.0313	9.6066	114.2955
344.5000	-25.5859	59.7067	102.8880	0.0318	9.6118	117.8283

344.7500	-25.6092	59.8270	102.8963	0.0319	9.6315	120.7473
345.0000	-25.5856	60.2109	102.9048	0.0318	9.6831	120.8798
345.2500	-25.5241	59.8655	102.9131	0.0309	9.7751	118.2680
345.5000	-25.4870	59.9040	102.9211	0.0294	9.8822	114.6794
345.7500	-25.5141	60.0780	102.9289	0.0277	9.9568	111.5230
346.0000	-25.5792	59.6420	102.9361	0.0260	9.9811	109.0524
346.2500	-25.6262	59.7037	102.9419	0.0243	9.9862	107.4976
346.5000	-25.6357	59.8578	102.9468	0.0224	10.0251	107.5318
346.7500	-25.6336	59.4492	102.9517	0.0202	10.1401	109.2112
347.0000	-25.6204	59.6112	102.9569	0.0183	10.3043	111.3716
347.2500	-25.5601	59.6541	102.9618	0.0174	10.4130	112.2225
347.5000	-25.4619	59.6143	102.9658	0.0178	10.4097	111.0726
347.7500	-25.3821	59.7543	102.9693	0.0187	10.3536	109.7264
348.0000	-25.3424	59.6528	102.9726	0.0193	10.3188	110.4474
348.2500	-25.3256	59.7160	102.9768	0.0196	10.3280	112.5814
348.5000	-25.3421	59.6683	102.9825	0.0200	10.3794	113.8823
348.7500	-25.4306	59.4832	102.9892	0.0211	10.4563	114.2830
349.0000	-25.5672	59.7898	102.9956	0.0233	10.5233	115.2685
349.2500	-25.6563	59.4108	103.0010	0.0261	10.5476	117.0328
349.5000	-25.6659	59.7654	103.0058	0.0280	10.5147	118.7542
349.7500	-25.6586	59.7129	103.0114	0.0284	10.4420	120.1583
350.0000	-25.6690	59.9285	103.0193	0.0279	10.3838	121.2485
350.2500	-25.6680	59.9134	103.0291	0.0274	10.3819	121.7910
350.5000	-25.6386	59.9842	103.0385	0.0271	10.4439	121.3066
350.7500	-25.5904	59.9610	103.0460	0.0263	10.5890	119.4184
351.0000	-25.5216	59.8547	103.0514	0.0240	10.8113	116.7577
351.2500	-25.4361	59.7807	103.0559	0.0208	10.9949	114.5776
351.5000	-25.3737	59.8038	103.0601	0.0176	10.9981	113.2878
351.7500	-25.3741	60.1277	103.0639	0.0160	10.8081	112.5112
352.0000	-25.4143	59.9610	103.0674	0.0164	10.5167	112.6030
352.2500	-25.4317	59.8239	103.0706	0.0175	10.2219	114.2952
352.5000	-25.4269	59.7391	103.0738	0.0173	10.0234	116.5298
352.7500	-25.4628	59.6836	103.0779	0.0156	10.0377	116.9124
353.0000	-25.5508	59.8717	103.0842	0.0142	10.3772	114.6789
353.2500	-25.6383	59.9935	103.0908	0.0144	11.0891	111.8667
353.5000	-25.6948	60.0981	103.0946	0.0157	12.1017	111.0049
353.7500	-25.7211	59.8779	103.0952	0.0166	13.2507	112.3374
354.0000	-25.7116	59.8193	103.0959	0.0163	14.2970	114.4877
354.2500	-25.6650	59.7653	103.0993	0.0157	14.8981	116.7828
354.5000	-25.6027	59.6327	103.1051	0.0167	14.7297	118.7408
354.7500	-25.5504	59.7977	103.1112	0.0197	13.7979	119.0621
355.0000	-25.4989	59.5742	103.1168	0.0227	12.5408	117.4868
355.2500	-25.4173	59.9117	103.1223	0.0238	11.4730	115.0788
355.5000	-25.3289	60.1613	103.1281	0.0228	10.7989	111.9825
355.7500	-25.3066	59.5880	103.1345	0.0218	10.4429	107.8229
356.0000	-25.3682	59.6004	103.1413	0.0215	10.2768	103.6559
356.2500	-25.4600	59.5879	103.1469	0.0212	10.2094	101.1719
356.5000	-25.5397	59.7283	103.1508	0.0197	10.1825	101.2154
356.7500	-25.6014	59.7160	103.1548	0.0172	10.1793	103.9346
357.0000	-25.6404	59.8086	103.1598	0.0147	10.2081	108.1580
357.2500	-25.6541	59.6667	103.1646	0.0133	10.2629	111.0676
357.5000	-25.6716	59.6621	103.1675	0.0130	10.3239	111.2726
357.7500	-25.7262	59.8223	103.1689	0.0123	10.3669	110.8633
358.0000	-25.7773	59.9935	103.1706	0.0106	10.3628	112.0590
358.2500	-25.7389	59.9549	103.1735	0.0091	10.3039	113.7695
358.5000	-25.6088	59.6666	103.1768	0.0089	10.2170	113.8320
358.7500	-25.4718	59.9611	103.1794	0.0097	10.1358	112.7968

359.0000	-25.3811	59.8669	103.1810	0.0105	10.0834	113.0520
359.2500	-25.3395	59.8023	103.1829	0.0101	10.0649	115.3062
359.5000	-25.3492	59.9858	103.1854	0.0089	10.0627	117.6146
359.7500	-25.3962	59.9086	103.1884	0.0085	10.0573	117.5831
360.0000	-25.4396	59.8439	103.1916	0.0100	10.0474	115.0587
360.2500	-25.4647	59.6820	103.1938	0.0129	10.0399	111.8346
360.5000	-25.5131	59.8131	103.1947	0.0157	10.0359	109.1996
360.7500	-25.6238	59.9303	103.1963	0.0177	10.0326	107.6636
361.0000	-25.7519	59.6836	103.2011	0.0189	10.0286	107.9291
361.2500	-25.8079	59.7715	103.2087	0.0202	10.0242	109.8971
361.5000	-25.7768	59.9920	103.2168	0.0219	10.0193	111.8827
361.7500	-25.7065	59.7573	103.2237	0.0230	10.0154	112.2622
362.0000	-25.6146	59.5787	103.2294	0.0225	10.0148	111.0723
362.2500	-25.5064	59.7391	103.2342	0.0209	10.0145	109.7315
362.5000	-25.4135	59.5556	103.2384	0.0195	10.0100	109.7209
362.7500	-25.3507	59.5186	103.2423	0.0190	10.0028	111.2766
363.0000	-25.2924	59.8455	103.2461	0.0195	9.9995	113.1791
363.2500	-25.2251	59.8425	103.2505	0.0206	10.0072	114.0726
363.5000	-25.2006	59.7175	103.2558	0.0215	10.0305	113.6111
363.7500	-25.2847	59.9209	103.2618	0.0219	10.0672	111.9989
364.0000	-25.4470	59.7269	103.2684	0.0214	10.0985	108.9677
364.2500	-25.5899	59.4662	103.2753	0.0199	10.1029	104.2551
364.5000	-25.6821	59.8747	103.2814	0.0175	10.0833	99.1324
364.7500	-25.7440	59.5619	103.2860	0.0149	10.0598	96.0708
365.0000	-25.7611	59.6729	103.2890	0.0122	10.0464	96.0808
365.2500	-25.7201	59.8054	103.2904	0.0095	10.0487	97.9679
365.5000	-25.6544	59.8872	103.2909	0.0071	10.0668	100.6946
365.7500	-25.5966	60.0672	103.2915	0.0064	10.0899	103.9212
366.0000	-25.5321	59.8007	103.2929	0.0077	10.1044	106.5568
366.2500	-25.4335	60.3062	103.2943	0.0109	10.1060	107.3385
366.5000	-25.3321	59.6759	103.2957	0.0150	10.0952	106.7130
366.7500	-25.2970	59.8563	103.2987	0.0187	10.0746	106.4884
367.0000	-25.3354	59.9118	103.3044	0.0215	10.0543	107.6003
367.2500	-25.3951	59.8794	103.3123	0.0239	10.0434	109.3511
367.5000	-25.4558	59.7145	103.3209	0.0259	10.0422	110.3165
367.7500	-25.5275	59.6234	103.3289	0.0267	10.0476	109.6842
368.0000	-25.5961	60.0225	103.3359	0.0262	10.0607	108.3026
368.2500	-25.6450	60.0196	103.3421	0.0246	10.0859	107.4603
368.5000	-25.6861	59.9704	103.3474	0.0223	10.1191	107.1177
368.7500	-25.7266	59.9812	103.3522	0.0203	10.1407	107.0790
369.0000	-25.7279	60.0055	103.3568	0.0193	10.1347	108.1309
369.2500	-25.6460	59.8717	103.3614	0.0193	10.1060	110.7896
369.5000	-25.5178	59.6558	103.3655	0.0199	10.0738	114.3069
369.7500	-25.4319	59.8270	103.3695	0.0208	10.0546	116.7293
370.0000	-25.4081	59.8685	103.3744	0.0219	10.0476	116.2070
370.2500	-25.3986	59.9426	103.3806	0.0229	10.0410	113.1702
370.5000	-25.3835	59.9303	103.3872	0.0235	10.0336	110.5455
370.7500	-25.3820	59.9086	103.3938	0.0234	10.0336	111.1347
371.0000	-25.4056	59.8161	103.4006	0.0229	10.0434	114.6865
371.2500	-25.4481	59.6157	103.4073	0.0226	10.0568	118.5072
371.5000	-25.5078	59.5602	103.4125	0.0222	10.0636	120.9563
371.7500	-25.5858	59.9085	103.4163	0.0212	10.0587	122.0496
372.0000	-25.6419	59.6929	103.4203	0.0194	10.0469	121.1663
372.2500	-25.6172	59.8625	103.4258	0.0177	10.0309	117.4933
372.5000	-25.5386	59.6312	103.4316	0.0173	10.0066	112.4725
372.7500	-25.4946	59.6020	103.4362	0.0184	9.9756	109.0097
373.0000	-25.4939	59.8070	103.4394	0.0196	9.9473	107.9481

373.2500	-25.4826	59.6143	103.4427	0.0203	9.9282	107.5315
373.5000	-25.4555	59.8962	103.4472	0.0206	9.9191	107.2228
373.7500	-25.4296	59.4832	103.4530	0.0211	9.9170	108.9767
374.0000	-25.3865	59.8808	103.4595	0.0218	9.9197	113.2234
374.2500	-25.3217	59.3845	103.4664	0.0223	9.9276	117.4961
374.5000	-25.2923	59.8577	103.4728	0.0223	9.9358	119.6608
374.7500	-25.3518	59.8438	103.4784	0.0225	9.9348	119.3224
375.0000	-25.4521	59.8178	103.4831	0.0232	9.9247	116.9983
375.2500	-25.4926	59.7623	103.4872	0.0241	9.9176	113.8099
375.5000	-25.4728	59.8209	103.4918	0.0248	9.9212	111.0189
375.7500	-25.4830	59.7453	103.4979	0.0253	9.9302	109.2470
376.0000	-25.5508	59.7962	103.5060	0.0257	9.9367	108.3744
376.2500	-25.6183	59.6204	103.5146	0.0258	9.9385	108.0549
376.5000	-25.6472	59.7931	103.5224	0.0255	9.9377	108.0318
376.7500	-25.6419	59.6820	103.5290	0.0245	9.9366	107.7150
377.0000	-25.5966	60.1043	103.5345	0.0228	9.9370	106.2961
377.2500	-25.5024	59.7129	103.5389	0.0211	9.9377	104.1626
377.5000	-25.4105	59.8470	103.5427	0.0205	9.9367	102.8722
377.7500	-25.3991	60.2094	103.5469	0.0218	9.9350	102.7927
378.0000	-25.4450	60.0211	103.5516	0.0244	9.9324	102.3304
378.2500	-25.4517	59.9086	103.5568	0.0272	9.9271	100.0330
378.5000	-25.4113	59.7992	103.5635	0.0290	9.9216	96.2626
378.7500	-25.3902	59.9965	103.5726	0.0295	9.9192	92.7344
379.0000	-25.3989	59.8593	103.5832	0.0297	9.9168	91.0107
379.2500	-25.4114	59.7884	103.5932	0.0306	9.9107	91.3923
379.5000	-25.4348	59.9225	103.6007	0.0321	9.9052	93.0015
379.7500	-25.4842	59.9781	103.6059	0.0333	9.9073	94.6069
380.0000	-25.5446	60.0027	103.6110	0.0341	9.9191	95.1733
380.2500	-25.5862	59.6480	103.6180	0.0350	9.9404	94.2745
380.5000	-25.6049	59.9210	103.6277	0.0363	9.9734	92.5342
380.7500	-25.6226	59.6744	103.6392	0.0378	10.0139	91.1181
381.0000	-25.6312	59.7793	103.6515	0.0392	10.0463	90.5375
381.2500	-25.5896	59.7793	103.6632	0.0399	10.0645	90.7625
381.5000	-25.4954	59.8209	103.6732	0.0397	10.0799	92.1003
381.7500	-25.3943	59.6328	103.6815	0.0389	10.0917	94.2433
382.0000	-25.3199	59.7684	103.6893	0.0376	10.0830	95.3871
382.2500	-25.2853	60.1073	103.6978	0.0366	10.0565	94.1957
382.5000	-25.3122	59.4123	103.7071	0.0365	10.0340	91.2600
382.7500	-25.4075	59.8036	103.7169	0.0373	10.0214	87.9201
383.0000	-25.5170	59.7885	103.7268	0.0386	10.0085	84.9534
383.2500	-25.5691	59.6344	103.7365	0.0395	9.9912	82.5653
383.5000	-25.5782	59.7251	103.7462	0.0398	9.9740	80.9031
383.7500	-25.6209	59.5417	103.7561	0.0397	9.9623	79.8815
384.0000	-25.7029	60.1906	103.7665	0.0391	9.9539	79.1325
384.2500	-25.7500	59.8777	103.7768	0.0384	9.9407	78.8391
384.5000	-25.7266	59.9288	103.7868	0.0376	9.9223	79.7252
384.7500	-25.6645	59.8085	103.7962	0.0368	9.9088	81.6673
385.0000	-25.5914	59.8593	103.8050	0.0358	9.9067	83.4226
385.2500	-25.5077	60.2232	103.8132	0.0346	9.9120	84.1708
385.5000	-25.4225	59.7221	103.8213	0.0332	9.9149	84.1409
385.7500	-25.3614	59.7607	103.8296	0.0320	9.9118	84.2438
386.0000	-25.3217	59.9626	103.8381	0.0316	9.9092	85.7660
386.2500	-25.2738	59.8917	103.8461	0.0326	9.9118	88.6074
386.5000	-25.2458	60.0950	103.8533	0.0342	9.9149	90.6953
386.7500	-25.3064	59.8038	103.8602	0.0359	9.9119	91.1102
387.0000	-25.4327	59.9657	103.8683	0.0375	9.9060	91.6684
387.2500	-25.5330	60.1106	103.8784	0.0392	9.9051	94.1985

387.5000	-25.5842	59.9056	103.8897	0.0413	9.9107	98.3410
387.7500	-25.6244	59.8316	103.9014	0.0436	9.9168	102.1742
388.0000	-25.6617	59.9025	103.9130	0.0453	9.9192	103.3704
388.2500	-25.6657	59.8424	103.9245	0.0458	9.9216	100.6709
388.5000	-25.6195	59.8378	103.9360	0.0455	9.9268	95.6264
388.7500	-25.5520	59.7437	103.9474	0.0451	9.9310	91.3342
389.0000	-25.4860	59.8823	103.9588	0.0442	9.9313	89.3013
389.2500	-25.3993	59.5926	103.9700	0.0424	9.9307	89.1255
389.5000	-25.2952	59.7545	103.9808	0.0399	9.9322	90.0036
389.7500	-25.2288	59.7622	103.9915	0.0376	9.9336	91.3889
390.0000	-25.2248	59.7545	104.0014	0.0359	9.9313	93.1670
390.2500	-25.2612	60.2634	104.0093	0.0348	9.9281	95.0542
390.5000	-25.3246	59.9333	104.0158	0.0339	9.9314	95.9223
390.7500	-25.4044	60.1767	104.0226	0.0336	9.9402	95.2733
391.0000	-25.4688	60.0827	104.0307	0.0340	9.9428	94.4059
391.2500	-25.4977	59.6373	104.0395	0.0347	9.9369	94.6023
391.5000	-25.5216	59.9965	104.0487	0.0348	9.9317	95.6390
391.7500	-25.5827	59.8825	104.0588	0.0341	9.9260	96.9990
392.0000	-25.6504	59.8362	104.0695	0.0332	9.9086	99.2653
392.2500	-25.6439	59.6605	104.0788	0.0327	9.8815	103.3693
392.5000	-25.5532	59.9825	104.0855	0.0324	9.8605	109.1070
392.7500	-25.4448	59.5958	104.0909	0.0317	9.8543	115.1297
393.0000	-25.3548	59.5449	104.0972	0.0310	9.8565	119.8730
393.2500	-25.2727	59.5788	104.1050	0.0313	9.8560	121.9135
393.5000	-25.2027	59.5957	104.1135	0.0334	9.8525	121.0395
393.7500	-25.1741	59.8624	104.1222	0.0359	9.8517	119.2372
394.0000	-25.2023	59.7191	104.1314	0.0376	9.8553	118.5468
394.2500	-25.2712	59.8546	104.1414	0.0385	9.8586	119.1988
394.5000	-25.3746	59.7392	104.1522	0.0400	9.8568	121.2015
394.7500	-25.5256	59.3830	104.1628	0.0424	9.8500	124.9898
395.0000	-25.6769	59.6404	104.1723	0.0448	9.8398	129.9130
395.2500	-25.7331	59.8624	104.1820	0.0459	9.8254	133.6832
395.5000	-25.6886	59.6836	104.1935	0.0455	9.8121	133.7035
395.7500	-25.6234	59.7759	104.2071	0.0443	9.8096	129.7089
396.0000	-25.5758	59.9424	104.2209	0.0432	9.8176	124.5492
396.2500	-25.5310	59.8346	104.2332	0.0422	9.8270	121.2963
396.5000	-25.4842	59.6497	104.2433	0.0406	9.8309	120.3878
396.7500	-25.4404	59.7653	104.2514	0.0377	9.8282	120.4341
397.0000	-25.3821	59.6589	104.2587	0.0339	9.8216	120.5266
397.2500	-25.2902	59.5634	104.2664	0.0305	9.8175	120.5673
397.5000	-25.2063	59.8132	104.2747	0.0287	9.8197	120.0400
397.7500	-25.2074	59.7052	104.2824	0.0287	9.8235	118.0197
398.0000	-25.2966	59.6621	104.2887	0.0295	9.8254	114.8442
398.2500	-25.4027	59.5326	104.2942	0.0298	9.8290	112.4314
398.5000	-25.4825	59.6959	104.3006	0.0291	9.8343	111.8633
398.7500	-25.5359	60.0290	104.3088	0.0279	9.8340	112.3140
399.0000	-25.5601	60.0519	104.3178	0.0272	9.8210	113.3419
399.2500	-25.5588	60.1150	104.3260	0.0272	9.7953	115.3622
399.5000	-25.5487	59.7483	104.3328	0.0277	9.7665	117.9325
399.7500	-25.5265	59.7206	104.3383	0.0279	9.7434	120.3777
400.0000	-25.4662	59.6774	104.3431	0.0274	9.7268	122.2908
400.2500	-25.3622	59.6913	104.3486	0.0263	9.7163	122.3641
400.5000	-25.2535	59.8686	104.3560	0.0257	9.7104	119.4741
400.7500	-25.1857	59.7576	104.3647	0.0264	9.7025	114.9524
401.0000	-25.1571	59.7715	104.3725	0.0278	9.6921	111.4600
401.2500	-25.1432	59.8578	104.3786	0.0288	9.6853	110.2781
401.5000	-25.1492	59.8194	104.3842	0.0288	9.6787	111.1308

401.7500	-25.1893	59.9350	104.3910	0.0288	9.6635	112.9247
402.0000	-25.2482	59.6682	104.3987	0.0300	9.6427	114.0226
402.2500	-25.2995	59.9948	104.4062	0.0324	9.6297	113.7880
402.5000	-25.3498	59.5341	104.4136	0.0356	9.6283	113.2570
402.7500	-25.4263	59.7992	104.4223	0.0383	9.6272	112.8472
403.0000	-25.5004	59.8964	104.4325	0.0401	9.6149	111.5387
403.2500	-25.5004	60.2137	104.4434	0.0407	9.5954	109.2627
403.5000	-25.4265	59.7946	104.4554	0.0401	9.5813	107.6220
403.7500	-25.3511	59.9179	104.4677	0.0381	9.5762	107.7745
404.0000	-25.3059	60.0041	104.4789	0.0359	9.5726	109.1851
404.2500	-25.2689	59.7607	104.4877	0.0342	9.5663	110.6073
404.5000	-25.2322	59.7021	104.4937	0.0322	9.5605	111.3516
404.7500	-25.2048	59.5834	104.4985	0.0291	9.5583	111.4929
405.0000	-25.1844	59.8223	104.5042	0.0259	9.5604	111.0928
405.2500	-25.1719	59.8609	104.5119	0.0238	9.5658	109.8366
405.5000	-25.1965	59.7392	104.5198	0.0234	9.5705	108.3753
405.7500	-25.2892	59.7468	104.5260	0.0242	9.5693	108.4654
406.0000	-25.4266	59.8656	104.5306	0.0248	9.5630	111.0543
406.2500	-25.5487	59.8578	104.5352	0.0244	9.5571	115.4652
406.5000	-25.6315	59.7129	104.5406	0.0236	9.5520	119.7009
406.7500	-25.6822	60.0582	104.5468	0.0233	9.5423	121.4699
407.0000	-25.6926	60.3757	104.5538	0.0240	9.5237	120.2794
407.2500	-25.6529	59.8486	104.5607	0.0253	9.5021	117.9262
407.5000	-25.5798	60.5236	104.5670	0.0264	9.4896	116.2989
407.7500	-25.5018	59.6851	104.5727	0.0269	9.4890	115.5285
408.0000	-25.4257	60.0504	104.5787	0.0269	9.4904	114.7636
408.2500	-25.3386	59.9148	104.5858	0.0269	9.4845	114.0464
408.5000	-25.2565	60.0395	104.5933	0.0272	9.4729	114.1271
408.7500	-25.2257	59.8331	104.6006	0.0277	9.4616	114.8456
409.0000	-25.2567	60.0919	104.6076	0.0277	9.4542	115.3469
409.2500	-25.3207	59.8932	104.6146	0.0270	9.4534	115.0054
409.5000	-25.4006	60.1674	104.6213	0.0258	9.4574	113.6430
409.7500	-25.4828	59.6666	104.6280	0.0245	9.4613	113.0400
410.0000	-25.5359	59.9318	104.6342	0.0231	9.4627	116.0812
410.2500	-25.5555	59.7745	104.6399	0.0220	9.4613	121.4525
410.5000	-25.5822	60.1180	104.6450	0.0209	9.4574	124.2638
410.7500	-25.6381	59.8578	104.6495	0.0196	9.4533	123.2249
411.0000	-25.6728	59.7406	104.6539	0.0180	9.4536	121.1633
411.2500	-25.6164	59.9485	104.6585	0.0162	9.4586	120.0177
411.5000	-25.4880	59.6728	104.6631	0.0148	9.4638	119.8358
411.7500	-25.3755	60.0303	104.6672	0.0139	9.4658	120.1237
412.0000	-25.3131	59.5941	104.6701	0.0139	9.4644	120.3461
412.2500	-25.2728	59.7684	104.6723	0.0148	9.4612	120.7262
412.5000	-25.2458	59.5325	104.6745	0.0165	9.4590	122.1138
412.7500	-25.2510	59.5927	104.6774	0.0187	9.4550	124.4803
413.0000	-25.2945	60.0842	104.6817	0.0202	9.4378	126.9254
413.2500	-25.3615	59.8393	104.6880	0.0203	9.4063	129.0282
413.5000	-25.4474	59.6513	104.6962	0.0198	9.3798	130.4224
413.7500	-25.5602	59.5449	104.7045	0.0197	9.3729	130.1508
414.0000	-25.6678	59.7716	104.7105	0.0195	9.3881	128.3412
414.2500	-25.7083	59.9146	104.7128	0.0180	9.4349	126.6676
414.5000	-25.6811	59.6605	104.7140	0.0156	9.5364	126.1029
414.7500	-25.6381	59.4046	104.7168	0.0137	9.7360	125.0264
415.0000	-25.5906	59.5449	104.7206	0.0140	10.1029	120.6074
415.2500	-25.5262	59.4046	104.7241	0.0168	10.6896	112.9883
415.5000	-25.4686	59.7852	104.7274	0.0201	11.4329	105.9275
415.7500	-25.4319	59.8763	104.7319	0.0216	12.1233	102.0098

416.0000	-25.3843	59.6975	104.7385	0.0218	12.5538	99.9891
416.2500	-25.3088	59.8949	104.7465	0.0215	12.6917	97.1114
416.5000	-25.2503	59.4971	104.7542	0.0215	12.6344	92.0704
416.7500	-25.2638	59.8394	104.7601	0.0215	12.4890	86.2146
417.0000	-25.3397	59.6097	104.7641	0.0213	12.3725	82.4696
417.2500	-25.4233	59.8039	104.7672	0.0208	12.3527	82.6730
417.5000	-25.4888	59.6775	104.7704	0.0202	12.4286	86.2017
417.7500	-25.5373	60.0303	104.7749	0.0202	12.7427	90.9723
418.0000	-25.5616	59.7330	104.7810	0.0211	13.4650	94.8691
418.2500	-25.5653	59.7392	104.7880	0.0229	14.3084	97.0420
418.5000	-25.5706	59.9981	104.7946	0.0249	14.6389	98.2953
418.7500	-25.5753	59.6728	104.8005	0.0259	14.1698	99.3929
419.0000	-25.5422	60.2276	104.8064	0.0256	13.2419	99.8635
419.2500	-25.4562	59.9179	104.8130	0.0245	12.3649	98.7919
419.5000	-25.3797	59.8208	104.8201	0.0237	11.7153	96.1496
419.7500	-25.3946	59.7344	104.8267	0.0238	11.2097	93.0997
420.0000	-25.4791	60.1104	104.8322	0.0243	10.8007	90.4104
420.2500	-25.5375	59.8763	104.8370	0.0246	10.4915	88.0412
420.5000	-25.5460	59.7499	104.8420	0.0244	10.2475	86.8150
420.7500	-25.5490	59.7854	104.8481	0.0242	10.0361	88.1131
421.0000	-25.5586	59.9209	104.8551	0.0241	9.8700	92.2715
421.2500	-25.5653	59.7376	104.8622	0.0242	9.7732	98.5140
421.5000	-25.5844	59.9780	104.8689	0.0237	9.7470	105.6028
421.7500	-25.6276	59.6867	104.8750	0.0221	9.7693	112.5116
422.0000	-25.6715	59.8979	104.8805	0.0197	9.8037	118.2694
422.2500	-25.6810	59.9055	104.8853	0.0173	9.8134	121.6580
422.5000	-25.6588	59.7589	104.8894	0.0156	9.7886	122.7599
422.7500	-25.6403	59.7068	104.8923	0.0149	9.7524	123.2501
423.0000	-25.6217	60.0106	104.8945	0.0148	9.7332	124.4409
423.2500	-25.5603	59.6112	104.8968	0.0149	9.7396	127.2102
423.5000	-25.4624	59.6559	104.9002	0.0152	9.7609	132.2780
423.7500	-25.3853	59.5788	104.9048	0.0162	9.7804	138.8552
424.0000	-25.3573	59.8807	104.9101	0.0188	9.7905	144.8193
424.2500	-25.3679	60.4173	104.9151	0.0224	9.7944	148.3863
424.5000	-25.4135	59.6836	104.9197	0.0259	9.7964	148.7641
424.7500	-25.4892	59.7531	104.9248	0.0284	9.7977	145.6371
425.0000	-25.5502	59.7004	104.9320	0.0298	9.7981	139.3397
425.2500	-25.5500	59.6760	104.9415	0.0304	9.7978	131.9254
425.5000	-25.5333	59.6481	104.9519	0.0306	9.7972	125.8243
425.7500	-25.5907	59.8039	104.9616	0.0300	9.7985	121.3963
426.0000	-25.6969	59.9858	104.9696	0.0281	9.8047	118.2448
426.2500	-25.7232	60.3355	104.9759	0.0252	9.8147	117.1320
426.5000	-25.6255	59.7699	104.9809	0.0227	9.8220	118.0904
426.7500	-25.4887	60.2476	104.9849	0.0216	9.8246	119.4840
427.0000	-25.3948	59.8964	104.9883	0.0217	9.8279	120.4863
427.2500	-25.3518	59.8177	104.9918	0.0222	9.8357	121.2084
427.5000	-25.3406	60.0626	104.9973	0.0232	9.8501	121.3917
427.7500	-25.3525	59.6373	105.0049	0.0244	9.8814	121.2770
428.0000	-25.3706	60.1522	105.0130	0.0254	9.9400	121.5049
428.2500	-25.3692	59.7529	105.0204	0.0262	10.0082	122.2776
428.5000	-25.3608	59.7823	105.0273	0.0262	10.0343	123.6341
428.7500	-25.3871	59.9408	105.0338	0.0254	9.9934	125.5026
429.0000	-25.4498	59.8654	105.0391	0.0244	9.9292	127.8065
429.2500	-25.5127	59.8578	105.0442	0.0239	9.8986	130.7172
429.5000	-25.5645	59.8362	105.0497	0.0235	9.9121	133.8979
429.7500	-25.6161	59.8886	105.0557	0.0229	9.9633	136.0558
430.0000	-25.6598	59.9148	105.0619	0.0225	10.0697	135.9451

430.2500	-25.6654	59.9348	105.0682	0.0223	10.2375	133.2960
430.5000	-25.6195	60.1828	105.0744	0.0217	10.4134	129.0312
430.7500	-25.5522	59.9997	105.0796	0.0208	10.5105	125.3524
431.0000	-25.4874	59.8732	105.0842	0.0200	10.4834	124.1031
431.2500	-25.4072	60.0211	105.0887	0.0197	10.3655	124.4581
431.5000	-25.3246	59.9226	105.0931	0.0201	10.2227	124.0183
431.7500	-25.3043	59.6373	105.0974	0.0211	10.0857	121.7352
432.0000	-25.3614	59.7005	105.1019	0.0226	9.9603	118.8027
432.2500	-25.4368	59.8701	105.1077	0.0245	9.8685	116.6569
432.5000	-25.4847	59.8547	105.1146	0.0269	9.8349	115.1497
432.7500	-25.5067	59.6759	105.1218	0.0295	9.8831	114.3419
433.0000	-25.5148	59.6003	105.1293	0.0314	10.0826	115.4452
433.2500	-25.5172	59.8147	105.1376	0.0318	10.5650	118.3409
433.5000	-25.5441	59.6742	105.1469	0.0306	11.4520	121.1780
433.7500	-25.6230	59.8792	105.1563	0.0281	12.7263	122.6165
434.0000	-25.7014	59.7483	105.1647	0.0247	14.1374	122.6298
434.2500	-25.6901	59.5218	105.1713	0.0211	15.2758	121.3264
434.5000	-25.6024	59.3815	105.1758	0.0186	15.7948	117.9123
434.7500	-25.5170	59.7130	105.1781	0.0187	15.4841	111.7838
435.0000	-25.4455	59.6745	105.1788	0.0212	14.2881	104.4755
435.2500	-25.3726	59.7283	105.1798	0.0246	12.5777	98.7254
435.5000	-25.3299	59.5541	105.1841	0.0278	11.0961	95.9083
435.7500	-25.3416	59.6205	105.1938	0.0313	10.3204	95.6356
436.0000	-25.3793	59.7497	105.2072	0.0359	10.1892	96.8409
436.2500	-25.4081	59.5310	105.2206	0.0407	10.4087	98.6226
436.5000	-25.4514	59.9026	105.2313	0.0439	10.6886	100.2806
436.7500	-25.5618	59.7746	105.2407	0.0438	10.8193	101.3023
437.0000	-25.7078	60.0672	105.2506	0.0411	10.7483	102.2278
437.2500	-25.7883	60.0241	105.2613	0.0375	10.5573	104.4688
437.5000	-25.7768	59.5602	105.2719	0.0347	10.3435	108.7899
437.7500	-25.7257	59.5741	105.2814	0.0324	10.1522	114.7642
438.0000	-25.6565	59.8840	105.2894	0.0297	9.9906	121.4420
438.2500	-25.5587	59.7715	105.2956	0.0265	9.8702	127.2734
438.5000	-25.4478	60.2387	105.3007	0.0232	9.8130	129.8139
438.7500	-25.3600	59.9257	105.3054	0.0203	9.8129	127.9463
439.0000	-25.3062	59.8238	105.3100	0.0181	9.8259	123.5900
439.2500	-25.2631	59.9778	105.3143	0.0167	9.8167	119.0103
439.5000	-25.2436	59.8023	105.3183	0.0160	9.7917	114.8429
439.7500	-25.3086	59.8547	105.3219	0.0153	9.7751	111.8936
440.0000	-25.4432	59.7806	105.3255	0.0147	9.7727	110.8625
440.2500	-25.5471	60.1459	105.3290	0.0144	9.7700	110.8016
440.5000	-25.5791	60.0996	105.3326	0.0144	9.7550	111.0987
440.7500	-25.5785	60.0567	105.3360	0.0149	9.7295	112.1732
441.0000	-25.5691	59.9469	105.3395	0.0154	9.7027	113.3093
441.2500	-25.5515	59.5989	105.3431	0.0159	9.6816	113.1904
441.5000	-25.5389	59.8945	105.3471	0.0164	9.6701	111.9312
441.7500	-25.5351	59.6003	105.3517	0.0170	9.6671	110.9718
442.0000	-25.5072	59.8252	105.3564	0.0179	9.6664	111.9536
442.2500	-25.4231	59.4478	105.3609	0.0190	9.6658	115.2204
442.5000	-25.3132	59.6975	105.3654	0.0196	9.6684	119.4015
442.7500	-25.2409	59.7620	105.3701	0.0188	9.6782	123.2559
443.0000	-25.2165	60.2709	105.3753	0.0171	9.7113	126.3446
443.2500	-25.2204	59.8052	105.3811	0.0151	9.7842	128.4339
443.5000	-25.2649	59.7406	105.3862	0.0134	9.8718	130.0450
443.7500	-25.3506	59.6172	105.3893	0.0123	9.9092	131.5780
444.0000	-25.4339	59.5941	105.3905	0.0116	9.8674	131.8053
444.2500	-25.4899	59.7283	105.3911	0.0109	9.7876	129.7384

444.5000	-25.5501	59.9564	105.3921	0.0105	9.7213	126.6543
444.7500	-25.6464	59.7422	105.3946	0.0111	9.6872	124.5401
445.0000	-25.7331	59.6251	105.3985	0.0124	9.6796	123.7791
445.2500	-25.7187	59.6173	105.4028	0.0136	9.6829	123.8881
445.5000	-25.5962	59.7361	105.4072	0.0144	9.6863	124.9330
445.7500	-25.4462	59.9366	105.4116	0.0146	9.6905	126.2250
446.0000	-25.3192	59.4648	105.4154	0.0139	9.6915	126.0317
446.2500	-25.2216	59.6821	105.4183	0.0126	9.6796	124.3150
446.5000	-25.1686	59.8363	105.4210	0.0114	9.6600	123.0849
446.7500	-25.1645	59.6051	105.4238	0.0108	9.6492	123.4717
447.0000	-25.1858	59.8579	105.4263	0.0110	9.6521	124.9509
447.2500	-25.2201	59.6806	105.4281	0.0110	9.6628	126.3788
447.5000	-25.2877	59.7715	105.4300	0.0101	9.6768	126.1900
447.7500	-25.4038	59.4909	105.4333	0.0087	9.6894	123.3045
448.0000	-25.5302	59.4879	105.4374	0.0076	9.6968	118.3707
448.2500	-25.6091	59.8391	105.4403	0.0071	9.7002	113.2973
448.5000	-25.6399	59.7297	105.4412	0.0068	9.7045	109.4102
448.7500	-25.6514	59.5248	105.4412	0.0058	9.7152	106.9209
449.0000	-25.6333	59.5603	105.4415	0.0047	9.7358	105.7320
449.2500	-25.5702	59.7529	105.4424	0.0047	9.7610	105.2197
449.5000	-25.4839	59.8114	105.4435	0.0057	9.7804	104.5897
449.7500	-25.3987	59.5296	105.4448	0.0068	9.7903	103.9031
450.0000	-25.3129	59.7623	105.4468	0.0074	9.7932	103.2839
450.2500	-25.2250	59.7824	105.4497	0.0075	9.7928	102.5607
450.5000	-25.1786	59.9967	105.4527	0.0074	9.7922	102.5067
450.7500	-25.2286	59.6296	105.4549	0.0075	9.7935	104.7422
451.0000	-25.3457	59.5527	105.4564	0.0076	9.7957	109.9232
451.2500	-25.4425	59.9533	105.4573	0.0075	9.7969	116.4269
451.5000	-25.4972	59.5557	105.4583	0.0073	9.7962	121.3108
451.7500	-25.5469	59.6266	105.4598	0.0070	9.7944	123.1052
452.0000	-25.5971	59.7406	105.4620	0.0068	9.7904	122.5958
452.2500	-25.6296	59.7592	105.4647	0.0071	9.7796	120.7113
452.5000	-25.6518	59.9287	105.4673	0.0079	9.7567	117.6526
452.7500	-25.6736	59.8948	105.4688	0.0083	9.7247	113.9149
453.0000	-25.6526	60.1644	105.4699	0.0080	9.6951	110.5394
453.2500	-25.5349	60.0087	105.4716	0.0072	9.6793	108.3643
453.5000	-25.3772	59.9812	105.4740	0.0068	9.6781	107.5201
453.7500	-25.3091	59.8914	105.4764	0.0072	9.6799	107.5470
454.0000	-25.3423	60.0089	105.4780	0.0077	9.6755	107.6495
454.2500	-25.3709	59.5325	105.4791	0.0077	9.6694	106.8932
454.5000	-25.3545	59.7916	105.4810	0.0072	9.6674	105.1915
454.7500	-25.3484	59.9380	105.4833	0.0066	9.6674	103.6834
455.0000	-25.3833	59.8486	105.4854	0.0062	9.6695	102.9068
455.2500	-25.4397	59.7422	105.4870	0.0056	9.6757	102.0043
455.5000	-25.5072	59.6420	105.4884	0.0044	9.6817	101.0206
455.7500	-25.5921	59.8915	105.4896	0.0029	9.6886	101.2613
456.0000	-25.6635	59.8855	105.4903	0.0016	9.7189	102.3945
456.2500	-25.6642	60.2461	105.4903	0.0005	9.8003	102.4884
456.5000	-25.6037	59.8177	105.4897	-0.0006	9.9258	100.9156
456.7500	-25.5433	59.7575	105.4891	-0.0011	10.0429	99.1280
457.0000	-25.4872	59.7021	105.4886	-0.0007	10.1028	99.3152
457.2500	-25.4096	59.9549	105.4880	0.0005	10.1256	102.4531
457.5000	-25.3365	59.9779	105.4873	0.0019	10.1998	106.8633
457.7500	-25.2943	59.7374	105.4874	0.0030	10.4185	109.6850
458.0000	-25.2611	59.8285	105.4889	0.0033	10.8136	109.9521
458.2500	-25.2268	59.7992	105.4913	0.0027	11.3205	109.2245
458.5000	-25.2360	60.2137	105.4936	0.0012	11.7754	109.4394

458.7500	-25.3222	60.0209	105.4951	-0.0010	12.0067	110.9600
459.0000	-25.4232	59.9164	105.4952	-0.0037	12.0100	112.6858
459.2500	-25.4403	59.9657	105.4933	-0.0067	11.9696	113.1393
459.5000	-25.3875	59.8177	105.4897	-0.0093	12.0328	111.4159
459.7500	-25.3663	60.0487	105.4854	-0.0111	12.1660	107.9336
460.0000	-25.3989	59.5094	105.4815	-0.0117	12.2886	104.3428
460.2500	-25.4285	59.7252	105.4779	-0.0118	12.3973	102.0120
460.5000	-25.4365	59.9488	105.4749	-0.0118	12.4821	100.5531
460.7500	-25.4324	59.7684	105.4729	-0.0118	12.4261	98.6368
461.0000	-25.3927	59.4971	105.4718	-0.0116	12.0760	96.3645
461.2500	-25.2999	60.2896	105.4697	-0.0107	11.4561	95.4128
461.5000	-25.2080	59.9642	105.4660	-0.0095	10.8230	96.4288
461.7500	-25.1963	60.1582	105.4617	-0.0090	10.4076	98.1358
462.0000	-25.2572	59.9656	105.4583	-0.0095	10.2182	99.4875
462.2500	-25.3157	60.1828	105.4566	-0.0096	10.1490	100.6830
462.5000	-25.3476	60.0086	105.4560	-0.0083	10.1466	101.5511
462.7500	-25.3772	59.8147	105.4549	-0.0067	10.2516	101.0886
463.0000	-25.4021	60.2092	105.4527	-0.0065	10.5811	99.3644
463.2500	-25.4139	59.9303	105.4505	-0.0079	11.3189	98.0828
463.5000	-25.4330	59.7005	105.4494	-0.0098	12.7282	98.6238
463.7500	-25.4711	59.6712	105.4483	-0.0112	15.1121	100.6313
464.0000	-25.4997	59.5742	105.4454	-0.0115	18.5286	102.3016
464.2500	-25.4826	59.5787	105.4409	-0.0116	22.3505	101.5043
464.5000	-25.4370	59.9441	105.4363	-0.0127	25.3086	97.4318
464.7500	-25.4185	59.9532	105.4326	-0.0147	26.3506	90.6258
465.0000	-25.4233	59.4925	105.4297	-0.0169	25.4071	81.9030
465.2500	-25.3885	59.9380	105.4273	-0.0187	23.1515	72.6217
465.5000	-25.3057	59.7067	105.4241	-0.0206	20.2333	64.5224
465.7500	-25.2330	59.8347	105.4189	-0.0224	17.0484	58.4904
466.0000	-25.2030	59.9315	105.4117	-0.0243	14.1037	54.5739
466.2500	-25.2081	59.6574	105.4034	-0.0259	11.9732	52.9450
466.5000	-25.2534	59.7699	105.3952	-0.0271	10.8027	53.7491
466.7500	-25.3476	59.7067	105.3877	-0.0277	10.3059	56.9777
467.0000	-25.4395	59.8440	105.3812	-0.0275	10.1505	62.8669
467.2500	-25.4509	60.0858	105.3755	-0.0267	10.1218	70.9084
467.5000	-25.4050	59.7545	105.3698	-0.0258	10.1176	79.2650
467.7500	-25.3983	59.8610	105.3635	-0.0255	10.1638	86.5761
468.0000	-25.4387	59.9366	105.3567	-0.0263	10.3513	93.0106
468.2500	-25.4595	59.6018	105.3500	-0.0284	10.6930	98.8301
468.5000	-25.4488	59.7900	105.3436	-0.0314	11.0842	103.3776
468.7500	-25.4281	59.6250	105.3367	-0.0342	11.3910	106.2879
469.0000	-25.3850	59.6821	105.3286	-0.0361	11.5550	108.0573
469.2500	-25.3150	59.8440	105.3187	-0.0374	11.6586	108.9777
469.5000	-25.2692	59.6559	105.3071	-0.0383	11.8341	109.1089
469.7500	-25.2968	59.8715	105.2952	-0.0384	12.0333	108.8810
470.0000	-25.3571	59.5541	105.2845	-0.0378	12.0412	108.3045
470.2500	-25.3657	59.9516	105.2751	-0.0366	11.7936	106.7045
470.5000	-25.3296	59.6959	105.2670	-0.0352	11.4809	104.5271
470.7500	-25.3356	59.6390	105.2599	-0.0341	11.2921	103.4407
471.0000	-25.4075	59.7515	105.2531	-0.0342	11.2347	103.7260
471.2500	-25.4902	60.1154	105.2454	-0.0348	11.1829	103.9853
471.5000	-25.5468	59.8286	105.2367	-0.0351	10.9697	103.5310
471.7500	-25.5703	59.6220	105.2269	-0.0348	10.5318	103.1489
472.0000	-25.5403	59.5603	105.2161	-0.0343	10.0245	103.9245
472.2500	-25.4491	59.6868	105.2056	-0.0337	9.6666	106.1329
472.5000	-25.3543	59.5218	105.1969	-0.0329	9.5160	108.9143
472.7500	-25.3288	60.0183	105.1903	-0.0317	9.4891	110.9475

473.0000	-25.3513	59.6065	105.1844	-0.0296	9.4991	111.0394
473.2500	-25.3467	59.7238	105.1780	-0.0274	9.5104	108.5753
473.5000	-25.3229	59.5649	105.1709	-0.0268	9.5209	104.1982
473.7500	-25.3364	59.7469	105.1636	-0.0283	9.5343	99.1338
474.0000	-25.3760	59.7898	105.1569	-0.0306	9.5492	94.3079
474.2500	-25.4045	59.6436	105.1507	-0.0322	9.5640	91.2398
474.5000	-25.4322	59.5619	105.1432	-0.0325	9.5797	91.7771
474.7500	-25.4777	59.7852	105.1336	-0.0322	9.5937	95.6386
475.0000	-25.5241	60.2971	105.1231	-0.0317	9.6026	100.6815
475.2500	-25.5441	59.7947	105.1136	-0.0310	9.6093	105.3783
475.5000	-25.5527	59.4385	105.1058	-0.0297	9.6212	109.2556
475.7500	-25.5896	59.6621	105.0992	-0.0279	9.6439	112.5538
476.0000	-25.6284	59.9549	105.0935	-0.0264	9.6733	115.4085
476.2500	-25.5975	59.8995	105.0887	-0.0254	9.6969	117.0551
476.5000	-25.5058	59.6868	105.0839	-0.0248	9.7068	117.3231
476.7500	-25.4228	60.1829	105.0778	-0.0242	9.7098	117.4915
477.0000	-25.3653	60.1151	105.0704	-0.0238	9.7234	118.5657
477.2500	-25.3238	59.7361	105.0628	-0.0241	9.7588	120.2341
477.5000	-25.3293	59.7562	105.0562	-0.0246	9.8086	121.6824
477.7500	-25.4006	59.5573	105.0509	-0.0238	9.8489	122.9320
478.0000	-25.4742	59.9717	105.0460	-0.0214	9.8618	124.7455
478.2500	-25.4690	60.1583	105.0404	-0.0186	9.8473	127.0706
478.5000	-25.4172	59.8440	105.0347	-0.0165	9.8218	129.1480
478.7500	-25.4226	59.9858	105.0302	-0.0160	9.8090	131.0608
479.0000	-25.4936	59.8085	105.0276	-0.0165	9.8243	133.7562
479.2500	-25.5522	60.0814	105.0256	-0.0165	9.8804	138.0472
479.5000	-25.5647	59.7915	105.0231	-0.0151	10.0028	143.8133
479.7500	-25.5373	59.7807	105.0189	-0.0129	10.1903	149.1787
480.0000	-25.4631	60.0336	105.0130	-0.0113	10.3590	151.3485
480.2500	-25.3618	60.0397	105.0074	-0.0104	10.3816	149.3095
480.5000	-25.2990	59.6357	105.0045	-0.0099	10.2218	145.0930
480.7500	-25.3123	59.9641	105.0044	-0.0092	9.9879	142.1490
481.0000	-25.3462	59.6527	105.0050	-0.0084	9.8121	142.4927
481.2500	-25.3138	59.8932	105.0047	-0.0082	9.7312	144.8091
481.5000	-25.2293	59.9994	105.0033	-0.0095	9.7099	145.6182
481.7500	-25.1884	60.0965	105.0004	-0.0123	9.7129	143.3528
482.0000	-25.2227	59.8115	104.9961	-0.0161	9.7258	140.2370
482.2500	-25.2931	59.6913	104.9909	-0.0202	9.7455	138.8370
482.5000	-25.3828	59.8931	104.9856	-0.0235	9.7770	138.4606
482.7500	-25.4800	59.9704	104.9798	-0.0255	9.8267	137.1572
483.0000	-25.5390	59.8130	104.9728	-0.0261	9.8835	135.2289
483.2500	-25.5328	60.2338	104.9644	-0.0257	9.9276	134.1376
483.5000	-25.4977	60.0274	104.9562	-0.0246	9.9715	133.7750
483.7500	-25.4829	59.7806	104.9494	-0.0227	10.0495	132.7308
484.0000	-25.4805	60.0058	104.9439	-0.0202	10.1445	130.7901
484.2500	-25.4516	59.9825	104.9395	-0.0172	10.1894	129.8231
484.5000	-25.4025	59.7622	104.9364	-0.0141	10.1618	131.7023
484.7500	-25.3580	59.8516	104.9344	-0.0115	10.1093	136.2805
485.0000	-25.3057	59.9426	104.9323	-0.0101	10.0749	141.7545
485.2500	-25.2486	60.0364	104.9300	-0.0097	10.0579	146.2248
485.5000	-25.2358	59.7298	104.9281	-0.0106	10.0415	148.9830
485.7500	-25.2867	59.6774	104.9263	-0.0126	10.0120	150.5946
486.0000	-25.3562	59.9411	104.9238	-0.0149	9.9663	151.0762
486.2500	-25.4014	59.8131	104.9201	-0.0163	9.9233	149.0917
486.5000	-25.4500	59.9272	104.9153	-0.0171	9.9110	144.1089
486.7500	-25.5603	59.8671	104.9091	-0.0176	9.9367	137.7405
487.0000	-25.7009	59.8209	104.9026	-0.0177	9.9762	132.7950

487.2500	-25.7639	59.5849	104.8973	-0.0173	9.9963	131.9664
487.5000	-25.7154	59.8763	104.8938	-0.0166	9.9863	135.9197
487.7500	-25.6108	59.5402	104.8911	-0.0154	9.9572	141.9942
488.0000	-25.4914	59.9039	104.8885	-0.0137	9.9168	146.2222
488.2500	-25.3831	60.2045	104.8854	-0.0119	9.8743	146.8788
488.5000	-25.3328	59.7930	104.8820	-0.0106	9.8467	145.2557
488.7500	-25.3592	59.7083	104.8783	-0.0101	9.8403	143.2140
489.0000	-25.4028	59.7976	104.8751	-0.0101	9.8458	141.1807
489.2500	-25.3942	60.0797	104.8735	-0.0106	9.8526	138.9037
489.5000	-25.3636	59.8609	104.8726	-0.0118	9.8548	137.1853
489.7500	-25.4043	59.7901	104.8710	-0.0132	9.8506	136.9742
490.0000	-25.5246	60.0846	104.8683	-0.0145	9.8394	137.6528
490.2500	-25.6462	59.9779	104.8642	-0.0154	9.8234	138.1894
490.5000	-25.7285	59.5094	104.8584	-0.0160	9.8119	137.9135
490.7500	-25.7749	59.6143	104.8518	-0.0163	9.8157	136.1585
491.0000	-25.7669	59.5680	104.8462	-0.0164	9.8388	133.6254
491.2500	-25.6925	59.7824	104.8426	-0.0165	9.8737	132.0926
491.5000	-25.5903	59.7976	104.8405	-0.0165	9.8997	131.6281
491.7500	-25.5105	59.6606	104.8385	-0.0163	9.8982	131.0788
492.0000	-25.4472	59.5634	104.8355	-0.0163	9.8717	130.8310
492.2500	-25.3555	59.7900	104.8311	-0.0171	9.8368	132.5360
492.5000	-25.2550	60.2525	104.8254	-0.0183	9.8109	136.5736
492.7500	-25.2220	59.7638	104.8193	-0.0186	9.8120	140.7019
493.0000	-25.2626	59.9146	104.8136	-0.0178	9.8446	142.0305
493.2500	-25.3241	59.5896	104.8084	-0.0164	9.8778	140.3662
493.5000	-25.3951	59.5665	104.8040	-0.0154	9.8680	138.1888
493.7500	-25.4757	59.5758	104.8012	-0.0150	9.8124	137.5628
494.0000	-25.5312	59.7746	104.7999	-0.0148	9.7488	138.1361
494.2500	-25.5478	59.6868	104.7983	-0.0141	9.7052	137.7556
494.5000	-25.5577	59.9688	104.7947	-0.0132	9.6810	134.2521
494.7500	-25.5767	59.8686	104.7892	-0.0130	9.6698	127.2124
495.0000	-25.5571	59.8638	104.7840	-0.0137	9.6672	118.6985
495.2500	-25.4453	59.5541	104.7802	-0.0146	9.6670	111.6528
495.5000	-25.2829	59.5449	104.7776	-0.0150	9.6686	107.3473
495.7500	-25.1665	59.9980	104.7752	-0.0148	9.6742	105.5223
496.0000	-25.1133	59.9659	104.7724	-0.0145	9.6788	106.2751
496.2500	-25.0851	59.6590	104.7690	-0.0149	9.6770	109.6608
496.5000	-25.0917	59.7731	104.7646	-0.0161	9.6744	115.0317
496.7500	-25.1552	59.7345	104.7596	-0.0174	9.6773	122.5062
497.0000	-25.2402	59.5726	104.7550	-0.0184	9.6802	132.5367
497.2500	-25.2980	59.6836	104.7504	-0.0197	9.6773	143.5122
497.5000	-25.3539	59.7882	104.7454	-0.0207	9.6744	152.6270
497.7500	-25.4764	59.8517	104.7404	-0.0203	9.6771	158.3904
498.0000	-25.6350	59.8887	104.7356	-0.0184	9.6798	160.1858
498.2500	-25.7113	59.9395	104.7297	-0.0153	9.6799	158.1295
498.5000	-25.6755	59.8008	104.7233	-0.0120	9.6903	154.3219
498.7500	-25.5988	59.9472	104.7189	-0.0095	9.7239	151.3306
499.0000	-25.5196	60.4018	104.7182	-0.0080	9.7705	150.1952
499.2500	-25.4320	60.3528	104.7198	-0.0065	9.8032	151.0685
499.5000	-25.3477	60.1169	104.7213	-0.0048	9.8085	153.7678
499.7500	-25.2888	59.8517	104.7214	-0.0040	9.7959	157.4946
500.0000	-25.2525	60.0303	104.7196	-0.0047	9.7807	161.1662
500.2500	-25.2230	59.9117	104.7168	-0.0059	9.7727	163.9374
500.5000	-25.2322	59.8871	104.7137	-0.0066	9.7767	165.5863
500.7500	-25.3403	59.7160	104.7109	-0.0067	9.7898	166.6791
501.0000	-25.5097	59.7468	104.7087	-0.0066	9.8053	167.3769
501.2500	-25.6178	59.9581	104.7079	-0.0066	9.8175	166.5855

501.5000	-25.6272	60.1535	104.7082	-0.0069	9.8216	164.2592
501.7500	-25.5992	59.6636	104.7081	-0.0070	9.8179	162.9661
502.0000	-25.5702	60.0027	104.7065	-0.0071	9.8147	165.3261
502.2500	-25.5361	59.9010	104.7036	-0.0077	9.8172	170.7899
502.5000	-25.5046	60.0749	104.6999	-0.0088	9.8199	175.4193
502.7500	-25.4822	60.0829	104.6968	-0.0098	9.8168	175.6497
503.0000	-25.4318	60.2954	104.6945	-0.0105	9.8130	172.3116
503.2500	-25.3113	59.8378	104.6925	-0.0108	9.8161	169.3351
503.5000	-25.1707	60.0149	104.6906	-0.0108	9.8235	169.3121
503.7500	-25.1179	59.8424	104.6884	-0.0108	9.8293	171.8852
504.0000	-25.1680	59.8285	104.6855	-0.0110	9.8355	174.9699
504.2500	-25.2486	59.8899	104.6819	-0.0114	9.8470	176.4205
504.5000	-25.3239	59.5156	104.6782	-0.0122	9.8644	175.4960
504.7500	-25.3977	60.0073	104.6751	-0.0131	9.8816	172.8821
505.0000	-25.4620	59.8685	104.6724	-0.0136	9.8887	169.4315
505.2500	-25.5189	59.8840	104.6696	-0.0134	9.8883	166.2351
505.5000	-25.6012	60.0783	104.6663	-0.0126	9.8967	164.7431
505.7500	-25.7154	60.1952	104.6623	-0.0115	9.9206	164.9175
506.0000	-25.7728	59.8131	104.6583	-0.0106	9.9476	165.0508
506.2500	-25.6686	59.8300	104.6550	-0.0099	9.9604	163.8675
506.5000	-25.4574	59.8470	104.6531	-0.0093	9.9529	162.1879
506.7500	-25.3074	59.8454	104.6522	-0.0087	9.9369	162.4899
507.0000	-25.2694	59.6250	104.6513	-0.0085	9.9300	165.0737
507.2500	-25.2636	59.7807	104.6499	-0.0083	9.9409	166.4116
507.5000	-25.2482	60.0133	104.6477	-0.0080	9.9720	163.8038
507.7500	-25.2473	60.0228	104.6448	-0.0075	10.0295	158.3380
508.0000	-25.2734	59.9827	104.6414	-0.0069	10.1147	152.4108
508.2500	-25.3129	59.9827	104.6385	-0.0065	10.2044	147.6624
508.5000	-25.3730	60.1043	104.6371	-0.0065	10.2552	145.0869
508.7500	-25.4753	59.6126	104.6371	-0.0061	10.2439	145.2721
509.0000	-25.5757	60.0996	104.6375	-0.0049	10.1991	147.6461
509.2500	-25.5885	59.7761	104.6368	-0.0036	10.1715	150.0536
509.5000	-25.5242	59.7190	104.6347	-0.0030	10.1826	150.9372
509.7500	-25.4701	59.5433	104.6325	-0.0032	10.2305	151.0089
510.0000	-25.4390	59.4369	104.6316	-0.0029	10.3113	151.7244
510.2500	-25.3898	59.7392	104.6314	-0.0015	10.4040	153.2953
510.5000	-25.3382	59.8499	104.6310	0.0004	10.4717	154.4806
510.7500	-25.3128	60.0072	104.6307	0.0017	10.4889	155.0637
511.0000	-25.2812	59.6344	104.6316	0.0020	10.4479	157.2612
511.2500	-25.2098	59.6651	104.6338	0.0021	10.3583	162.3725
511.5000	-25.1558	59.9009	104.6355	0.0028	10.2486	168.0835
511.7500	-25.2116	59.9207	104.6359	0.0036	10.1493	171.1477
512.0000	-25.3481	60.0133	104.6356	0.0035	10.0778	171.9241
512.2500	-25.4503	59.9640	104.6357	0.0025	10.0348	173.8980
512.5000	-25.5013	59.7854	104.6366	0.0018	10.0107	178.1164
512.7500	-25.5543	59.9658	104.6378	0.0019	10.0025	181.4373
513.0000	-25.5970	59.7283	104.6386	0.0029	10.0195	181.2107
513.2500	-25.6001	59.6097	104.6388	0.0041	10.0719	178.1493
513.5000	-25.5893	59.5680	104.6390	0.0048	10.1550	173.9145
513.7500	-25.5813	59.6482	104.6396	0.0052	10.2410	169.4399
514.0000	-25.5422	59.9748	104.6414	0.0060	10.3047	166.3148
514.2500	-25.4494	59.7099	104.6439	0.0076	10.3542	166.2283
514.5000	-25.3553	60.0272	104.6463	0.0097	10.4024	168.1878
514.7500	-25.3329	59.4832	104.6483	0.0110	10.4327	168.6966
515.0000	-25.3612	59.6821	104.6506	0.0106	10.4377	165.5875
515.2500	-25.3569	59.6173	104.6541	0.0088	10.4533	160.9231
515.5000	-25.3143	59.4462	104.6583	0.0068	10.5076	158.9766

515.7500	-25.2959	59.3460	104.6616	0.0056	10.5723	161.1698
516.0000	-25.3187	59.4786	104.6626	0.0051	10.5964	164.0631
516.2500	-25.3625	59.7314	104.6615	0.0046	10.5528	163.5816
516.5000	-25.4341	59.5279	104.6600	0.0041	10.4531	160.0996
516.7500	-25.5432	59.6791	104.6595	0.0041	10.3414	157.1454
517.0000	-25.6393	59.5233	104.6608	0.0055	10.2547	156.5827
517.2500	-25.6456	59.6867	104.6633	0.0083	10.1996	156.9088
517.5000	-25.5633	60.0028	104.6665	0.0112	10.1897	155.8503
517.7500	-25.4588	59.9840	104.6698	0.0131	10.2480	153.5714
518.0000	-25.3656	59.8607	104.6736	0.0136	10.3434	151.9532
518.2500	-25.2957	59.4524	104.6782	0.0131	10.4065	151.8180
518.5000	-25.2802	60.0291	104.6825	0.0119	10.4281	152.5101
518.7500	-25.3070	59.5726	104.6856	0.0104	10.4569	152.8506
519.0000	-25.3088	59.7392	104.6879	0.0084	10.5076	151.8897
519.2500	-25.2683	59.5649	104.6895	0.0063	10.5390	149.7541
519.5000	-25.2565	59.6266	104.6903	0.0047	10.5087	147.5851
519.7500	-25.3287	59.6251	104.6905	0.0040	10.4262	145.7879
520.0000	-25.4258	59.6575	104.6905	0.0040	10.3393	143.1795
520.2500	-25.4472	59.5032	104.6908	0.0047	10.2614	139.3745
520.5000	-25.4105	60.0241	104.6919	0.0061	10.1588	136.1767
520.7500	-25.4200	59.5433	104.6936	0.0078	10.0229	134.6457
521.0000	-25.4870	59.8732	104.6958	0.0092	9.8959	133.9071
521.2500	-25.5312	59.6651	104.6989	0.0100	9.8140	134.0367
521.5000	-25.5194	59.7730	104.7025	0.0099	9.7752	135.7879
521.7500	-25.4701	59.5264	104.7060	0.0091	9.7550	137.8180
522.0000	-25.3863	60.0845	104.7089	0.0081	9.7324	138.1075
522.2500	-25.2798	59.5418	104.7109	0.0070	9.7098	136.9044
522.5000	-25.2209	59.7267	104.7117	0.0059	9.7060	135.3788
522.7500	-25.2767	59.7638	104.7118	0.0052	9.7348	132.7240
523.0000	-25.3955	59.6914	104.7120	0.0049	9.7979	127.8055
523.2500	-25.4582	59.6590	104.7128	0.0049	9.8708	121.7762
523.5000	-25.4443	59.6976	104.7143	0.0053	9.9012	116.5366
523.7500	-25.4221	59.8533	104.7164	0.0061	9.8643	112.9168
524.0000	-25.4218	59.7962	104.7187	0.0068	9.7995	110.8564
524.2500	-25.4392	59.5387	104.7207	0.0072	9.7556	109.7111
524.5000	-25.4858	60.0320	104.7223	0.0074	9.7390	108.7826
524.7500	-25.5528	59.7684	104.7239	0.0077	9.7390	107.8445
525.0000	-25.5817	60.0705	104.7255	0.0083	9.7535	106.8772
525.2500	-25.5225	59.8701	104.7272	0.0088	9.7648	106.4240
525.5000	-25.4190	59.9563	104.7291	0.0086	9.7418	108.1544
525.7500	-25.3709	59.8825	104.7318	0.0077	9.6864	113.1075
526.0000	-25.3884	60.0952	104.7354	0.0066	9.6310	119.6457
526.2500	-25.3911	59.9040	104.7383	0.0060	9.5955	125.3913
526.5000	-25.3543	59.7715	104.7395	0.0056	9.5796	129.8279
526.7500	-25.3264	60.3898	104.7392	0.0049	9.5753	133.0883
527.0000	-25.3271	59.8099	104.7388	0.0038	9.5738	135.1937
527.2500	-25.3383	59.8455	104.7392	0.0030	9.5744	136.6882
527.5000	-25.3585	59.7144	104.7403	0.0032	9.5798	137.8808
527.7500	-25.4006	60.3312	104.7416	0.0039	9.5844	138.8819
528.0000	-25.4443	60.5729	104.7429	0.0043	9.5825	139.9196
528.2500	-25.4492	59.8716	104.7443	0.0038	9.5805	140.7842
528.5000	-25.4285	59.7574	104.7459	0.0028	9.5854	141.9652
528.7500	-25.4266	60.1398	104.7471	0.0023	9.5923	145.0616
529.0000	-25.4256	60.0551	104.7475	0.0026	9.5923	150.8688
529.2500	-25.3854	60.1381	104.7468	0.0032	9.5855	158.7434
529.5000	-25.3306	59.6357	104.7460	0.0031	9.5812	167.0258
529.7500	-25.2971	59.6435	104.7463	0.0023	9.5855	173.2966

530.0000	-25.2706	59.5510	104.7481	0.0013	9.5922	175.4797
530.2500	-25.2358	59.9103	104.7507	0.0007	9.5916	173.3815
530.5000	-25.2221	60.0765	104.7521	0.0004	9.5817	168.7708
530.7500	-25.2657	60.0706	104.7516	-0.0001	9.5694	163.7464
531.0000	-25.3349	59.8147	104.7500	-0.0012	9.5607	159.6190
531.2500	-25.3534	60.1443	104.7482	-0.0025	9.5565	156.9880
531.5000	-25.3254	59.9840	104.7468	-0.0030	9.5550	155.6422
531.7500	-25.3359	59.8440	104.7460	-0.0024	9.5546	154.7937
532.0000	-25.4139	59.8671	104.7457	-0.0013	9.5545	154.0821
532.2500	-25.5119	59.9040	104.7457	-0.0005	9.5545	154.1903
532.5000	-25.5939	59.8131	104.7461	-0.0000	9.5545	156.1966
532.7500	-25.6356	59.8747	104.7469	0.0006	9.5545	159.4758
533.0000	-25.5903	59.9672	104.7474	0.0015	9.5545	161.0371
533.2500	-25.4491	59.8023	104.7472	0.0024	9.5545	158.3352
533.5000	-25.3043	60.1197	104.7468	0.0030	9.5545	152.0423
533.7500	-25.2635	59.9779	104.7473	0.0028	9.5546	145.5271
534.0000	-25.3043	59.4924	104.7487	0.0022	9.5550	141.6190
534.2500	-25.3251	59.8917	104.7506	0.0019	9.5566	140.2542
534.5000	-25.3162	59.7946	104.7521	0.0018	9.5613	139.9469
534.7500	-25.3338	59.7990	104.7525	0.0015	9.5719	140.1054
535.0000	-25.3693	59.7037	104.7518	0.0005	9.5887	140.8739
535.2500	-25.3826	59.8285	104.7510	-0.0015	9.6029	141.9538
535.5000	-25.3825	59.7561	104.7505	-0.0043	9.6038	142.2267
535.7500	-25.3991	59.7314	104.7503	-0.0064	9.5932	141.6417
536.0000	-25.4291	59.6712	104.7497	-0.0068	9.5817	142.9224
536.2500	-25.4408	59.8393	104.7475	-0.0058	9.5722	147.5395
536.5000	-25.4371	60.0302	104.7435	-0.0049	9.5642	151.6793
536.7500	-25.4616	59.8655	104.7396	-0.0046	9.5614	151.0319
537.0000	-25.5002	59.7899	104.7382	-0.0047	9.5672	146.4579
537.2500	-25.4807	59.8978	104.7393	-0.0042	9.5810	141.9465
537.5000	-25.3961	59.9564	104.7408	-0.0028	9.5980	140.3726
537.7500	-25.3072	59.8147	104.7411	-0.0016	9.6163	141.9014
538.0000	-25.2438	60.0949	104.7404	-0.0020	9.6373	144.3766
538.2500	-25.2187	59.7221	104.7392	-0.0043	9.6564	146.1238
538.5000	-25.2674	59.8933	104.7379	-0.0073	9.6669	148.1835
538.7500	-25.3856	60.1400	104.7364	-0.0096	9.6723	151.7215
539.0000	-25.4830	59.8578	104.7342	-0.0111	9.6788	155.2726
539.2500	-25.4787	59.8085	104.7307	-0.0122	9.6823	157.0646
539.5000	-25.4211	59.8916	104.7263	-0.0132	9.6786	157.8966
539.7500	-25.4223	59.9210	104.7219	-0.0134	9.6763	159.7981
540.0000	-25.4874	59.8840	104.7182	-0.0125	9.6886	163.3024
540.2500	-25.5317	59.7714	104.7147	-0.0106	9.7344	166.5978
540.5000	-25.5229	59.8593	104.7115	-0.0082	9.8489	167.5761
540.7500	-25.4873	59.9271	104.7095	-0.0063	10.0608	166.5774
541.0000	-25.4396	59.7391	104.7092	-0.0051	10.3566	165.0753
541.2500	-25.3853	60.4097	104.7096	-0.0039	10.7004	162.8821
541.5000	-25.3490	60.0502	104.7099	-0.0028	11.0731	159.8750
541.7500	-25.3545	60.1167	104.7093	-0.0023	11.4273	158.1727
542.0000	-25.3691	59.8069	104.7081	-0.0035	11.6199	159.3200
542.2500	-25.3322	60.0320	104.7068	-0.0058	11.5297	161.3461
542.5000	-25.2699	59.8917	104.7060	-0.0077	11.2721	161.4105
542.7500	-25.2743	59.9210	104.7049	-0.0084	11.1175	159.5777
543.0000	-25.3509	60.2075	104.7022	-0.0083	11.1864	157.6778
543.2500	-25.4298	59.8655	104.6980	-0.0082	11.3686	156.4772
543.5000	-25.4916	59.7344	104.6944	-0.0086	11.4648	155.9344
543.7500	-25.5492	59.9164	104.6925	-0.0089	11.3401	155.9118
544.0000	-25.5745	59.6296	104.6916	-0.0084	11.0260	155.8129

544.2500	-25.5376	59.4693	104.6904	-0.0070	10.6853	155.0507
544.5000	-25.4792	59.8086	104.6889	-0.0057	10.4571	153.5196
544.7500	-25.4660	59.6759	104.6872	-0.0052	10.3547	151.8969
545.0000	-25.4715	59.8409	104.6854	-0.0052	10.3036	151.3488
545.2500	-25.4065	59.8915	104.6841	-0.0054	10.2225	152.3774
545.5000	-25.2833	60.0274	104.6831	-0.0054	10.0723	154.2882
545.7500	-25.2088	60.0719	104.6822	-0.0048	9.8840	155.7059
546.0000	-25.2164	59.8331	104.6811	-0.0039	9.7294	156.5109
546.2500	-25.2518	60.0473	104.6795	-0.0031	9.6453	158.1967
546.5000	-25.2904	59.8994	104.6781	-0.0028	9.6151	160.7747
546.7500	-25.3469	59.8207	104.6776	-0.0027	9.6118	162.1728
547.0000	-25.4106	59.7145	104.6777	-0.0025	9.6314	161.7694
547.2500	-25.4539	59.8670	104.6778	-0.0022	9.6991	161.3653
547.5000	-25.5014	59.8363	104.6775	-0.0024	9.8444	161.5054
547.7500	-25.6077	59.7377	104.6768	-0.0034	10.0464	160.5887
548.0000	-25.7223	59.7052	104.6761	-0.0048	10.2084	159.4200
548.2500	-25.7180	59.8162	104.6751	-0.0061	10.2227	161.5066
548.5000	-25.5893	59.5449	104.6734	-0.0068	10.0754	167.0847
548.7500	-25.4429	59.9072	104.6709	-0.0069	9.8663	172.2149
549.0000	-25.3273	59.6729	104.6681	-0.0066	9.7078	174.2626
549.2500	-25.2413	59.7869	104.6657	-0.0062	9.6305	174.1061
549.5000	-25.2129	59.8731	104.6639	-0.0060	9.6009	173.7519
549.7500	-25.2490	59.5879	104.6630	-0.0062	9.5869	173.9304
550.0000	-25.2860	59.6637	104.6628	-0.0066	9.5814	173.8671
550.2500	-25.2672	59.8949	104.6627	-0.0071	9.5862	173.0590
550.5000	-25.2413	59.5341	104.6613	-0.0078	9.5955	171.9943
550.7500	-25.3076	59.7947	104.6584	-0.0084	9.6016	171.0410
551.0000	-25.4666	59.8746	104.6549	-0.0090	9.6016	170.6310
551.2500	-25.6361	59.7191	104.6514	-0.0091	9.5957	171.9178
551.5000	-25.7858	59.4740	104.6484	-0.0084	9.5877	174.9152
551.7500	-25.9122	60.0673	104.6461	-0.0072	9.5887	177.4624
552.0000	-25.9679	59.9134	104.6449	-0.0059	9.6078	177.7523
552.2500	-25.9413	59.7422	104.6445	-0.0046	9.6357	176.1815
552.5000	-25.9017	59.9427	104.6444	-0.0035	9.6460	174.1224
552.7500	-25.8967	59.8023	104.6440	-0.0029	9.6260	172.0036
553.0000	-25.8860	60.1119	104.6431	-0.0029	9.5940	169.2567
553.2500	-25.8188	59.7884	104.6421	-0.0033	9.5728	164.8344
553.5000	-25.7470	60.1693	104.6413	-0.0039	9.5647	157.7232
553.7500	-25.7757	59.6497	104.6403	-0.0047	9.5620	148.0971
554.0000	-25.8963	59.7762	104.6391	-0.0057	9.5599	137.1452
554.2500	-25.9937	59.8701	104.6379	-0.0063	9.5577	126.7935
554.5000	-26.0094	60.0272	104.6367	-0.0064	9.5560	119.6497
554.7500	-25.9615	59.7175	104.6346	-0.0062	9.5553	116.7883
555.0000	-25.8647	60.0241	104.6317	-0.0061	9.5558	116.3189
555.2500	-25.7495	59.6589	104.6294	-0.0057	9.5566	115.3268
555.5000	-25.6721	59.7731	104.6284	-0.0047	9.5555	112.8439
555.7500	-25.6352	59.9457	104.6279	-0.0036	9.5490	110.2841
556.0000	-25.5768	59.8470	104.6270	-0.0029	9.5370	108.5966
556.2500	-25.4664	60.0197	104.6266	-0.0027	9.5242	107.5185
556.5000	-25.3621	60.1659	104.6273	-0.0026	9.5157	107.8534
556.7500	-25.3407	60.0182	104.6275	-0.0021	9.5124	110.9310
557.0000	-25.3843	59.8331	104.6260	-0.0013	9.5116	115.8321
557.2500	-25.4106	59.6666	104.6241	-0.0012	9.5088	119.9059
557.5000	-25.4027	60.2276	104.6232	-0.0022	9.4969	122.4372
557.7500	-25.4010	59.9056	104.6236	-0.0029	9.4699	125.2007
558.0000	-25.4136	60.1908	104.6243	-0.0024	9.4315	129.2116
558.2500	-25.4390	59.6928	104.6242	-0.0014	9.3956	133.3966

558.5000	-25.5095	59.7067	104.6230	-0.0010	9.3716	135.3591
558.7500	-25.6316	59.8100	104.6217	-0.0010	9.3590	132.5780
559.0000	-25.7226	59.8871	104.6212	-0.0007	9.3531	125.8126
559.2500	-25.6856	59.7360	104.6212	0.0004	9.3497	120.4444
559.5000	-25.5450	59.9534	104.6213	0.0017	9.3481	121.1268
559.7500	-25.4086	59.7206	104.6216	0.0025	9.3499	127.8252
560.0000	-25.3176	59.9919	104.6228	0.0023	9.3522	138.6634
560.2500	-25.2547	59.9315	104.6249	0.0018	9.3529	152.0524
560.5000	-25.2322	59.8440	104.6264	0.0015	9.3558	165.0427
560.7500	-25.2570	59.7898	104.6266	0.0012	9.3601	173.8366
561.0000	-25.2919	60.0290	104.6258	0.0001	9.3615	177.0831
561.2500	-25.3147	59.9056	104.6249	-0.0019	9.3618	176.3333
561.5000	-25.3602	59.9886	104.6243	-0.0036	9.3627	173.5216
561.7500	-25.4584	60.1597	104.6239	-0.0040	9.3624	170.1811
562.0000	-25.5472	59.8886	104.6229	-0.0032	9.3593	167.7262
562.2500	-25.5258	59.7590	104.6212	-0.0018	9.3512	166.5391
562.5000	-25.4060	59.8440	104.6193	-0.0008	9.3355	166.0667
562.7500	-25.2881	59.8871	104.6185	-0.0005	9.3156	165.9947
563.0000	-25.2006	59.7976	104.6195	-0.0002	9.2986	166.2104
563.2500	-25.1129	59.8547	104.6214	0.0008	9.2863	166.0946
563.5000	-25.0383	59.7838	104.6227	0.0024	9.2775	164.8518
563.7500	-24.9908	59.5109	104.6228	0.0039	9.2725	162.1482
564.0000	-24.9250	60.1305	104.6225	0.0049	9.2706	158.2265
564.2500	-24.8087	59.5495	104.6228	0.0056	9.2714	154.6727
564.5000	-24.7102	59.9363	104.6240	0.0063	9.2720	153.9104
564.7500	-24.7336	59.5032	104.6262	0.0071	9.2697	156.3829
565.0000	-24.8639	59.7006	104.6293	0.0077	9.2670	159.8664
565.2500	-24.9822	59.7175	104.6326	0.0081	9.2637	162.2338
565.5000	-25.0321	59.9025	104.6353	0.0090	9.2554	162.6151
565.7500	-25.0539	59.9623	104.6371	0.0106	9.2452	160.0406
566.0000	-25.0809	59.9115	104.6379	0.0120	9.2419	154.8538
566.2500	-25.0937	59.9642	104.6390	0.0130	9.2484	150.7183
566.5000	-25.0594	60.0027	104.6420	0.0132	9.2597	150.9724
566.7500	-24.9710	59.9457	104.6474	0.0127	9.2707	153.9578
567.0000	-24.8359	59.7221	104.6534	0.0124	9.2831	154.7210
567.2500	-24.6598	59.7207	104.6585	0.0122	9.3006	150.5136
567.5000	-24.4761	59.8499	104.6616	0.0112	9.3212	143.8221
567.7500	-24.3372	60.0473	104.6625	0.0088	9.3513	139.7068
568.0000	-24.2552	60.0597	104.6627	0.0067	9.4263	139.9808
568.2500	-24.2146	59.8301	104.6634	0.0061	9.5858	142.1250
568.5000	-24.2280	59.6390	104.6643	0.0073	9.7886	143.7622
568.7500	-24.3109	59.6189	104.6650	0.0091	9.8900	145.3470
569.0000	-24.4129	59.7497	104.6668	0.0104	9.7975	148.6944
569.2500	-24.4521	60.2491	104.6707	0.0104	9.5979	154.5252
569.5000	-24.4408	60.0058	104.6761	0.0099	9.4362	161.5209
569.7500	-24.4703	60.0135	104.6808	0.0099	9.3595	167.0992
570.0000	-24.5672	60.0580	104.6835	0.0099	9.3352	169.2805
570.2500	-24.6903	59.9041	104.6843	0.0094	9.3297	168.3656
570.5000	-24.8230	59.8285	104.6842	0.0085	9.3330	165.8498
570.7500	-24.9440	60.1213	104.6848	0.0080	9.3418	161.9222
571.0000	-24.9888	59.8499	104.6866	0.0079	9.3472	156.2637
571.2500	-24.9328	59.9610	104.6896	0.0082	9.3456	150.5452
571.5000	-24.8477	59.7174	104.6932	0.0092	9.3457	147.4610
571.7500	-24.8176	59.5079	104.6968	0.0106	9.3522	147.7824
572.0000	-24.8339	59.3907	104.6994	0.0113	9.3574	149.9159
572.2500	-24.8339	59.6512	104.7008	0.0110	9.3549	152.2467
572.5000	-24.8160	59.7760	104.7027	0.0102	9.3507	154.5770

572.7500	-24.8252	59.7900	104.7059	0.0098	9.3512	157.1893
573.0000	-24.8676	59.8007	104.7093	0.0098	9.3528	159.8911
573.2500	-24.9275	59.8794	104.7116	0.0099	9.3509	161.2613
573.5000	-25.0146	59.9825	104.7137	0.0091	9.3495	159.2968
573.7500	-25.1266	59.9148	104.7163	0.0074	9.3514	154.2201
574.0000	-25.1996	60.2013	104.7190	0.0058	9.3512	148.5500
574.2500	-25.1649	59.7885	104.7206	0.0052	9.3461	144.1811
574.5000	-25.0530	59.6528	104.7209	0.0051	9.3435	141.3247
574.7500	-24.9573	59.6914	104.7206	0.0045	9.3480	139.0883
575.0000	-24.9030	59.5850	104.7208	0.0031	9.3541	136.0970
575.2500	-24.8544	59.6374	104.7220	0.0018	9.3573	132.2538
575.5000	-24.8096	60.0072	104.7238	0.0014	9.3591	130.1128
575.7500	-24.7932	59.6419	104.7252	0.0019	9.3577	132.5862
576.0000	-24.8004	60.0997	104.7252	0.0026	9.3513	139.5692
576.2500	-24.8061	59.9981	104.7242	0.0029	9.3475	148.5777
576.5000	-24.8213	60.0474	104.7237	0.0029	9.3511	158.1476
576.7500	-24.8863	59.7792	104.7245	0.0027	9.3547	167.8999
577.0000	-24.9886	59.8732	104.7260	0.0026	9.3521	176.2023
577.2500	-25.0696	59.9734	104.7279	0.0025	9.3489	180.8833
577.5000	-25.1089	60.1492	104.7297	0.0020	9.3504	180.9408
577.7500	-25.1158	59.7900	104.7307	0.0010	9.3518	177.2330
578.0000	-25.0812	59.9672	104.7305	0.0004	9.3474	172.4388
578.2500	-25.0077	59.9134	104.7293	0.0005	9.3411	169.1024
578.5000	-24.9443	60.0227	104.7277	0.0008	9.3425	168.0078
578.7500	-24.9342	59.5895	104.7266	0.0009	9.3581	169.0748
579.0000	-24.9441	59.5711	104.7269	0.0007	9.3836	171.9720
579.2500	-24.9161	59.7590	104.7288	0.0006	9.4064	175.0508
579.5000	-24.8728	59.9102	104.7312	0.0008	9.4187	176.1074
579.7500	-24.8662	60.0132	104.7324	0.0010	9.4228	174.6815
580.0000	-24.8801	59.9161	104.7319	0.0005	9.4232	172.1982
580.2500	-24.8935	59.9179	104.7304	-0.0012	9.4222	170.5329
580.5000	-24.9431	60.2092	104.7292	-0.0032	9.4225	170.3848
580.7500	-25.0430	60.2260	104.7286	-0.0044	9.4279	170.2852
581.0000	-25.1302	59.7236	104.7279	-0.0043	9.4384	167.8709
581.2500	-25.1405	59.8007	104.7264	-0.0036	9.4449	162.8475
581.5000	-25.0918	60.0796	104.7247	-0.0034	9.4401	157.5871
581.7500	-25.0404	59.8717	104.7236	-0.0038	9.4290	154.1555
582.0000	-24.9911	60.1906	104.7233	-0.0041	9.4214	151.8487
582.2500	-24.9276	60.1553	104.7232	-0.0037	9.4206	148.7750
582.5000	-24.8753	59.9179	104.7225	-0.0030	9.4249	145.0555
582.7500	-24.8552	59.9455	104.7210	-0.0028	9.4331	141.9652
583.0000	-24.8406	59.9440	104.7196	-0.0031	9.4431	139.7180
583.2500	-24.8102	59.6836	104.7189	-0.0038	9.4480	138.0728
583.5000	-24.7980	59.5124	104.7187	-0.0041	9.4442	136.8219
583.7500	-24.8513	59.9965	104.7181	-0.0041	9.4391	136.0150
584.0000	-24.9504	59.9672	104.7170	-0.0046	9.4406	136.5860
584.2500	-25.0348	60.2045	104.7156	-0.0059	9.4440	139.6144
584.5000	-25.0953	59.7483	104.7144	-0.0079	9.4411	145.3751
584.7500	-25.1466	60.1644	104.7128	-0.0098	9.4338	152.8593
585.0000	-25.1615	60.1845	104.7104	-0.0112	9.4301	159.2406
585.2500	-25.1201	60.1737	104.7071	-0.0124	9.4341	161.4807
585.5000	-25.0544	59.8624	104.7029	-0.0135	9.4444	159.1528
585.7500	-24.9967	59.7145	104.6985	-0.0142	9.4559	154.0364
586.0000	-24.9329	60.0060	104.6945	-0.0142	9.4642	147.9833
586.2500	-24.8367	59.7855	104.6908	-0.0139	9.4697	142.7184
586.5000	-24.7375	59.6914	104.6873	-0.0134	9.4750	139.4823
586.7500	-24.6948	59.8222	104.6844	-0.0132	9.4797	137.8025

587.0000	-24.7049	59.8424	104.6820	-0.0132	9.4817	136.1356
587.2500	-24.7253	59.9935	104.6794	-0.0130	9.4844	134.2820
587.5000	-24.7587	60.0073	104.6760	-0.0127	9.4916	133.6734
587.7500	-24.8217	60.0317	104.6721	-0.0127	9.4987	135.0339
588.0000	-24.8928	59.7838	104.6682	-0.0132	9.4985	137.9481
588.2500	-24.9462	59.6327	104.6648	-0.0138	9.4923	142.3128
588.5000	-24.9925	60.0149	104.6619	-0.0139	9.4889	148.2277
588.7500	-25.0503	59.5679	104.6590	-0.0132	9.4938	155.0349
589.0000	-25.0878	59.8964	104.6555	-0.0123	9.5025	161.6863
589.2500	-25.0502	59.5911	104.6517	-0.0117	9.5092	167.7834
589.5000	-24.9520	59.6282	104.6482	-0.0116	9.5150	173.3487
589.7500	-24.8558	59.7653	104.6457	-0.0114	9.5241	177.4053
590.0000	-24.7806	59.5850	104.6436	-0.0108	9.5370	178.6505
590.2500	-24.7226	60.1291	104.6414	-0.0107	9.5490	178.5281
590.5000	-24.7086	59.9303	104.6388	-0.0118	9.5556	180.7396
590.7500	-24.7521	59.6219	104.6363	-0.0136	9.5571	186.4275
591.0000	-24.8002	59.7991	104.6339	-0.0149	9.5577	192.6712
591.2500	-24.7876	60.2460	104.6304	-0.0151	9.5611	195.7126
591.5000	-24.7427	59.7624	104.6247	-0.0149	9.5694	193.8276
591.7500	-24.7600	59.6883	104.6184	-0.0152	9.5817	188.1483
592.0000	-24.8628	59.8962	104.6138	-0.0158	9.5916	181.5908
592.2500	-24.9852	59.6852	104.6112	-0.0152	9.5933	176.3679
592.5000	-25.0737	59.8255	104.6090	-0.0128	9.5942	172.9298
592.7500	-25.1133	59.4771	104.6058	-0.0095	9.6297	171.3662
593.0000	-25.0864	59.7931	104.6023	-0.0076	9.7731	171.3581
593.2500	-24.9861	59.7468	104.5999	-0.0075	10.1041	171.1376
593.5000	-24.8628	59.8392	104.5991	-0.0079	10.6038	169.7819
593.7500	-24.7916	59.7637	104.5993	-0.0078	11.0745	169.0907
594.0000	-24.7837	59.9717	104.5985	-0.0076	11.2591	170.6121
594.2500	-24.7938	59.5063	104.5962	-0.0076	11.0709	172.8297
594.5000	-24.8008	59.9196	104.5933	-0.0081	10.6552	173.8531
594.7500	-24.8114	60.0982	104.5902	-0.0092	10.2442	174.2751
595.0000	-24.8196	59.9918	104.5871	-0.0100	9.9832	174.2396
595.2500	-24.8333	59.7207	104.5846	-0.0104	9.8793	171.0825
595.5000	-24.9004	59.7670	104.5829	-0.0110	9.8682	162.8781
595.7500	-25.0404	59.8980	104.5809	-0.0117	9.8891	152.0836
596.0000	-25.1638	59.8471	104.5785	-0.0118	9.9102	144.6195
596.2500	-25.1478	59.5295	104.5754	-0.0115	9.9241	144.8418
596.5000	-25.0111	60.0274	104.5713	-0.0107	9.9363	150.8977
596.7500	-24.8843	59.6203	104.5669	-0.0094	9.9534	156.6935
597.0000	-24.8189	60.0104	104.5634	-0.0078	9.9761	157.9894
597.2500	-24.7824	59.8254	104.5616	-0.0059	9.9980	155.3445
597.5000	-24.7717	59.8007	104.5615	-0.0031	10.0133	152.0993
597.7500	-24.7859	59.9302	104.5622	0.0006	10.0225	150.9140
598.0000	-24.7750	59.8887	104.5629	0.0042	10.0264	152.5641
598.2500	-24.7133	59.4586	104.5635	0.0072	10.0262	156.4271
598.5000	-24.6747	60.3510	104.5652	0.0096	10.0262	160.9676
598.7500	-24.7546	59.5820	104.5681	0.0116	10.0283	164.6749
599.0000	-24.9191	59.5449	104.5718	0.0138	10.0296	166.3181
599.2500	-25.0425	59.5140	104.5759	0.0161	10.0315	164.8069
599.5000	-25.0886	59.6559	104.5806	0.0178	10.0379	160.3112
599.7500	-25.1148	59.7916	104.5855	0.0184	10.0461	154.7426
600.0000	-25.1401	59.9209	104.5905	0.0182	10.0534	150.5433
600.2500	-25.1350	59.9287	104.5958	0.0179	10.0673	148.4864
600.5000	-25.0949	59.9411	104.6007	0.0171	10.1014	146.6541
600.7500	-25.0502	60.0226	104.6049	0.0160	10.1762	143.7820
601.0000	-25.0084	60.0163	104.6083	0.0156	10.3305	142.0600

601.2500	-24.9423	60.0120	104.6117	0.0170	10.6231	143.8045
601.5000	-24.8612	59.8162	104.6148	0.0201	11.1215	148.4200
601.7500	-24.8039	59.4925	104.6175	0.0235	11.8884	154.1690
602.0000	-24.7709	59.4786	104.6217	0.0263	12.9483	160.1362
602.2500	-24.7621	59.7500	104.6297	0.0284	14.2019	165.5443
602.5000	-24.8174	59.5387	104.6409	0.0306	15.3291	168.7702
602.7500	-24.9418	59.9226	104.6519	0.0336	15.8634	168.5973
603.0000	-25.0533	59.7728	104.6609	0.0365	15.4939	165.1579
603.2500	-25.0690	59.8548	104.6684	0.0381	14.3385	158.7605
603.5000	-25.0133	59.6620	104.6760	0.0385	12.9019	149.5504
603.7500	-24.9672	59.8023	104.6847	0.0384	11.7064	137.9301
604.0000	-24.9424	60.1693	104.6947	0.0384	10.9678	124.4718
604.2500	-24.9046	59.5864	104.7060	0.0388	10.6205	110.5772
604.5000	-24.8634	59.7699	104.7178	0.0404	10.5018	98.8637
604.7500	-24.8375	59.7190	104.7287	0.0429	10.4653	92.1282
605.0000	-24.8085	60.0087	104.7376	0.0451	10.4327	91.9274
605.2500	-24.7701	59.6158	104.7461	0.0456	10.3993	97.7979
605.5000	-24.7649	59.8162	104.7568	0.0439	10.3886	107.3413
605.7500	-24.8295	59.6282	104.7705	0.0401	10.4045	117.4972
606.0000	-24.9286	59.6081	104.7849	0.0353	10.4303	126.9212
606.2500	-25.0018	60.0873	104.7972	0.0309	10.4519	136.7745
606.5000	-25.0554	59.8732	104.8056	0.0272	10.4771	148.1341
606.7500	-25.1161	60.0766	104.8088	0.0248	10.5343	159.5257
607.0000	-25.1530	59.8686	104.8083	0.0242	10.6532	168.3479
607.2500	-25.1442	59.7653	104.8078	0.0253	10.8583	173.3693
607.5000	-25.1288	59.8469	104.8112	0.0276	11.1842	174.9355
607.7500	-25.1331	60.1167	104.8201	0.0310	11.6771	174.1907
608.0000	-25.1084	60.1936	104.8334	0.0356	12.3468	171.8558
608.2500	-24.9954	60.2599	104.8478	0.0406	13.0758	168.4313
608.5000	-24.8330	59.5171	104.8607	0.0446	13.6067	165.2784
608.7500	-24.7177	59.8949	104.8709	0.0461	13.7306	163.1022
609.0000	-24.6696	59.6867	104.8796	0.0454	13.5235	160.9076
609.2500	-24.6548	59.4801	104.8890	0.0440	13.2750	158.0156
609.5000	-24.6805	59.6806	104.9003	0.0436	13.1487	155.1803
609.7500	-24.7506	59.6805	104.9123	0.0448	13.0622	153.4939
610.0000	-24.8186	60.1443	104.9241	0.0475	12.9358	153.4298
610.2500	-24.8582	59.9010	104.9359	0.0510	12.9288	154.6955
610.5000	-24.9105	59.9148	104.9480	0.0540	13.3518	155.8722
610.7500	-25.0169	60.4345	104.9605	0.0564	14.3600	154.7289
611.0000	-25.1289	59.9441	104.9746	0.0587	15.7345	150.4940
611.2500	-25.1541	60.1875	104.9909	0.0618	16.9148	144.7063
611.5000	-25.0885	60.0336	105.0083	0.0654	17.3404	138.7623
611.7500	-25.0019	60.0768	105.0250	0.0683	16.9597	132.9927
612.0000	-24.9235	59.9257	105.0416	0.0693	16.2937	128.2410
612.2500	-24.8495	59.5511	105.0595	0.0685	15.8575	125.0854
612.5000	-24.8035	59.7806	105.0788	0.0681	15.7289	122.0911
612.7500	-24.8073	59.6234	105.0972	0.0696	15.7059	117.6936
613.0000	-24.8241	59.6466	105.1131	0.0727	15.5831	112.9269
613.2500	-24.7971	60.1859	105.1280	0.0767	15.2372	110.2748
613.5000	-24.7472	60.0456	105.1446	0.0813	14.6899	111.0470
613.7500	-24.7472	59.9164	105.1642	0.0873	14.1265	114.3438
614.0000	-24.7994	60.5236	105.1870	0.0943	13.7325	117.3872
614.2500	-24.8517	59.6112	105.2128	0.1003	13.5421	118.2766
614.5000	-24.8981	59.8162	105.2415	0.1034	13.4574	118.5022
614.7500	-24.9505	59.8038	105.2718	0.1033	13.4066	120.5851
615.0000	-24.9747	59.8933	105.3017	0.1010	13.4801	124.6016
615.2500	-24.9380	59.5495	105.3286	0.0970	13.8070	128.6097

615.5000	-24.8822	59.3968	105.3513	0.0917	14.3273	131.3993
615.7500	-24.8827	59.7453	105.3708	0.0859	14.7946	133.7124
616.0000	-24.9326	59.6606	105.3890	0.0810	15.0140	136.6520
616.2500	-24.9591	60.1170	105.4068	0.0786	15.0333	139.4535
616.5000	-24.9460	59.7437	105.4249	0.0798	15.0442	139.4355
616.7500	-24.9277	59.7653	105.4436	0.0850	15.1407	134.9794
617.0000	-24.9073	59.9040	105.4637	0.0937	15.2845	128.1369
617.2500	-24.8879	59.8624	105.4858	0.1050	15.4577	122.8935
617.5000	-24.9135	60.1489	105.5108	0.1176	15.6903	121.5373
617.7500	-25.0036	60.1305	105.5408	0.1304	15.9128	123.0943
618.0000	-25.0995	59.5803	105.5765	0.1419	15.9014	124.6636
618.2500	-25.1307	60.0244	105.6168	0.1503	15.4747	124.3787
618.5000	-25.1094	59.8317	105.6601	0.1539	14.7471	122.3353
618.7500	-25.0930	60.1815	105.7044	0.1519	14.0355	118.8221
619.0000	-25.0791	59.8917	105.7475	0.1455	13.4504	113.6362
619.2500	-25.0312	59.6621	105.7863	0.1368	12.8193	107.6348
619.5000	-24.9623	59.5141	105.8186	0.1270	12.0767	103.0235
619.7500	-24.9024	59.7515	105.8447	0.1168	11.4243	100.8943
620.0000	-24.8417	59.8579	105.8675	0.1071	11.0395	100.4659
620.2500	-24.7685	59.9935	105.8904	0.0999	10.8905	100.8019
620.5000	-24.7272	59.9456	105.9142	0.0974	10.8675	101.2699
620.7500	-24.7771	60.1645	105.9381	0.1003	10.9237	100.9036
621.0000	-24.8889	60.0567	105.9617	0.1083	11.0793	99.1062
621.2500	-24.9694	60.0888	105.9862	0.1220	11.3590	96.7300
621.5000	-24.9923	59.8824	106.0134	0.1421	11.7334	94.4994
621.7500	-25.0031	59.9486	106.0452	0.1672	12.0977	91.5629
622.0000	-25.0256	59.7175	106.0842	0.1922	12.2981	87.4155
622.2500	-25.0528	59.7530	106.1343	0.2114	12.2551	83.2162
622.5000	-25.0863	59.4801	106.1984	0.2223	12.1228	80.3268
622.7500	-25.1202	59.7484	106.2725	0.2258	12.2110	78.7082
623.0000	-25.1059	59.7977	106.3461	0.2239	12.7324	77.2840
623.2500	-24.9964	59.8638	106.4090	0.2183	13.7796	75.5275
623.5000	-24.8396	59.7099	106.4580	0.2115	15.4433	73.7154
623.7500	-24.7395	59.5711	106.4969	0.2072	17.7545	72.1745
624.0000	-24.7181	59.5710	106.5320	0.2074	20.5431	71.2586
624.2500	-24.7276	59.8578	106.5708	0.2109	23.4407	71.1051
624.5000	-24.7565	59.8177	106.6214	0.2149	26.0505	70.8049
624.7500	-24.8089	59.7160	106.6869	0.2182	28.0827	68.8525
625.0000	-24.8506	59.6604	106.7609	0.2204	29.3909	64.5596
625.2500	-24.8564	59.5557	106.8308	0.2199	30.0142	58.2018
625.5000	-24.8731	59.6729	106.8879	0.2132	30.0812	50.6743
625.7500	-24.9671	59.7546	106.9333	0.1996	29.5980	43.5253
626.0000	-25.1024	60.0122	106.9728	0.1853	28.5747	37.9722
626.2500	-25.1654	59.6143	107.0106	0.1813	27.4848	34.0600
626.5000	-25.1220	59.8332	107.0478	0.1955	27.1398	31.4500
626.7500	-25.0327	59.8715	107.0861	0.2261	27.7265	30.1674
627.0000	-24.9411	60.1075	107.1315	0.2655	28.3589	30.4431
627.2500	-24.8615	59.8825	107.1935	0.3067	27.8057	32.1132
627.5000	-24.8273	59.8069	107.2789	0.3453	25.4739	34.0808
627.7500	-24.8615	59.9688	107.3854	0.3784	21.8259	34.6971
628.0000	-24.9232	60.3358	107.5038	0.4024	17.8929	33.1490
628.2500	-24.9523	59.8794	107.6240	0.4116	14.4771	30.5044
628.5000	-24.9618	59.9195	107.7384	0.4022	12.0017	28.7439
628.7500	-24.9903	59.8440	107.8429	0.3765	10.6070	28.4044
629.0000	-25.0142	59.7992	107.9362	0.3422	10.1399	28.1849
629.2500	-25.0079	59.8224	108.0166	0.3078	10.3685	26.8068
629.5000	-25.0025	59.5603	108.0832	0.2802	11.2314	24.2655

629.7500	-25.0209	59.6866	108.1384	0.2632	12.8641	21.5957
630.0000	-25.0286	59.8947	108.1882	0.2578	15.4408	19.8841
630.2500	-24.9799	60.1460	108.2397	0.2618	18.6430	19.5994
630.5000	-24.8937	59.5341	108.2988	0.2696	21.0497	20.7554
630.7500	-24.8323	59.9840	108.3694	0.2740	20.8660	23.0900
631.0000	-24.8037	59.6976	108.4518	0.2706	17.9324	25.9176
631.2500	-24.7787	60.2152	108.5403	0.2614	14.1416	28.1916
631.5000	-24.7686	59.7838	108.6225	0.2523	11.3995	29.2261
631.7500	-24.7827	59.9623	108.6864	0.2486	10.1047	29.3923
632.0000	-24.7880	59.9439	108.7294	0.2520	9.6767	29.4758
632.2500	-24.7767	59.5634	108.7625	0.2628	9.5631	29.7195
632.5000	-24.8084	59.8639	108.8034	0.2826	9.5308	30.0927
632.7500	-24.9314	59.6297	108.8666	0.3121	9.5235	30.7926
633.0000	-25.0883	59.8070	108.9559	0.3464	9.5346	31.9541
633.2500	-25.1748	59.4385	109.0658	0.3767	9.5628	33.4889
633.5000	-25.1788	59.5125	109.1877	0.3982	9.5864	35.5686
633.7500	-25.1465	59.8915	109.3107	0.4105	9.5653	38.5138
634.0000	-25.0778	59.7315	109.4221	0.4135	9.4942	42.0434
634.2500	-24.9790	59.6990	109.5159	0.4048	9.4186	45.2868
634.5000	-24.9110	59.6975	109.5997	0.3846	9.3733	47.1569
634.7500	-24.9002	59.8516	109.6877	0.3577	9.3522	46.6715
635.0000	-24.8908	60.4945	109.7828	0.3317	9.3413	43.6363
635.2500	-24.8316	59.6574	109.8755	0.3104	9.3355	38.6415
635.5000	-24.7647	60.1878	109.9569	0.2911	9.3321	32.7735
635.7500	-24.7726	59.8748	110.0261	0.2679	9.3273	27.4651
636.0000	-24.8545	60.0566	110.0855	0.2397	9.3182	23.5625
636.2500	-24.9445	59.5479	110.1367	0.2116	9.3056	20.8163
636.5000	-25.0155	59.6990	110.1819	0.1900	9.2937	18.7816
636.7500	-25.0675	59.7452	110.2235	0.1783	9.2861	17.3888
637.0000	-25.0812	59.5989	110.2622	0.1775	9.2836	16.5979
637.2500	-25.0560	60.2092	110.2987	0.1864	9.2849	16.5090
637.5000	-25.0374	59.9256	110.3369	0.2008	9.2893	17.5623
637.7500	-25.0570	59.6297	110.3827	0.2161	9.2964	19.8171
638.0000	-25.0674	59.4909	110.4406	0.2299	9.3004	22.3623
638.2500	-24.9968	59.9518	110.5094	0.2411	9.2965	24.0138
638.5000	-24.8640	60.0147	110.5835	0.2498	9.2918	24.4992
638.7500	-24.7533	59.9565	110.6558	0.2556	9.2934	24.4827
639.0000	-24.6990	59.9828	110.7219	0.2576	9.2958	24.7071
639.2500	-24.6920	59.6621	110.7810	0.2555	9.2941	25.6790
639.5000	-24.7407	59.3892	110.8365	0.2509	9.2923	27.6788
639.7500	-24.8405	59.5557	110.8939	0.2472	9.2947	30.1794
640.0000	-24.9268	59.7608	110.9558	0.2468	9.3001	31.6779
640.2500	-24.9348	59.5033	111.0205	0.2501	9.3030	31.4524
640.5000	-24.9008	59.6482	111.0853	0.2551	9.2998	30.7027
640.7500	-24.9161	59.9393	111.1501	0.2582	9.2935	30.4554
641.0000	-24.9842	59.6821	111.2156	0.2562	9.2889	30.1695
641.2500	-25.0261	60.2293	111.2813	0.2486	9.2884	29.5581
641.5000	-25.0044	60.0521	111.3467	0.2377	9.2909	29.1929
641.7500	-24.9427	59.6990	111.4103	0.2252	9.2922	29.0495
642.0000	-24.8620	59.6943	111.4681	0.2103	9.2889	28.5728
642.2500	-24.7747	59.8578	111.5176	0.1929	9.2825	27.8652
642.5000	-24.7271	59.7762	111.5608	0.1734	9.2779	27.7906
642.7500	-24.7706	59.7514	111.6004	0.1538	9.2805	28.9505
643.0000	-24.8660	59.6868	111.6363	0.1381	9.2883	30.7631
643.2500	-24.9157	59.4385	111.6671	0.1291	9.2924	31.8204
643.5000	-24.9040	59.6821	111.6935	0.1271	9.2904	31.1610
643.7500	-24.8993	59.4709	111.7179	0.1315	9.2888	28.9545

644.0000	-24.9374	59.5957	111.7442	0.1423	9.2944	26.1765
644.2500	-24.9991	60.2291	111.7758	0.1580	9.3068	24.0165
644.5000	-25.0634	59.9932	111.8150	0.1752	9.3180	23.3567
644.7500	-25.1133	59.8023	111.8635	0.1897	9.3225	24.3355
645.0000	-25.1033	59.7853	111.9209	0.1988	9.3235	26.3096
645.2500	-24.9895	59.8131	111.9832	0.2017	9.3257	28.3524
645.5000	-24.8164	60.0395	112.0439	0.1971	9.3283	29.8829
645.7500	-24.6845	59.8409	112.0973	0.1842	9.3283	30.8175
646.0000	-24.6233	59.6914	112.1419	0.1645	9.3251	31.4218
646.2500	-24.6020	59.4200	112.1791	0.1429	9.3212	32.2700
646.5000	-24.6199	59.6204	112.2093	0.1248	9.3177	33.8922
646.7500	-24.6831	59.4369	112.2320	0.1129	9.3184	36.2965
647.0000	-24.7545	59.9705	112.2499	0.1057	9.3358	38.8467
647.2500	-24.7948	60.0536	112.2690	0.1008	9.3798	40.6869
647.5000	-24.8282	60.1119	112.2936	0.0981	9.4363	41.5421
647.7500	-24.9120	59.6882	112.3230	0.0994	9.4779	42.0471
648.0000	-25.0293	59.8825	112.3532	0.1058	9.4930	43.1862
648.2500	-25.0934	59.6975	112.3808	0.1160	9.4913	45.4165
648.5000	-25.0735	59.8547	112.4055	0.1276	9.4889	48.6119
648.7500	-25.0096	59.6497	112.4307	0.1391	9.4946	53.1706
649.0000	-24.9278	60.1243	112.4615	0.1499	9.5065	59.7930
649.2500	-24.8371	59.4863	112.5010	0.1597	9.5234	67.3293
649.5000	-24.7720	59.8376	112.5488	0.1685	9.5499	72.9130
649.7500	-24.7666	59.3799	112.6012	0.1751	9.5895	74.6202
650.0000	-24.7963	59.3568	112.6529	0.1771	9.6412	72.8557
650.2500	-24.8090	59.9503	112.7002	0.1733	9.6999	69.5907
650.5000	-24.8132	60.0442	112.7425	0.1653	9.7526	66.5465
650.7500	-24.8411	59.8392	112.7809	0.1558	9.7821	64.0744
651.0000	-24.8691	59.7576	112.8157	0.1462	9.7780	61.7175
651.2500	-24.8820	59.7145	112.8476	0.1356	9.7384	59.1740
651.5000	-24.9302	59.7238	112.8795	0.1233	9.6766	56.8170
651.7500	-25.0382	59.7576	112.9128	0.1119	9.6214	55.7305
652.0000	-25.1253	59.9195	112.9453	0.1054	9.5896	57.1058
652.2500	-25.0938	59.7191	112.9714	0.1046	9.5772	60.9599
652.5000	-24.9745	59.7330	112.9891	0.1060	9.5740	65.4040
652.7500	-24.8842	59.6297	113.0047	0.1061	9.5704	68.5457
653.0000	-24.8543	59.4554	113.0264	0.1054	9.5644	71.0506
653.2500	-24.8315	59.7482	113.0569	0.1072	9.5596	74.8590
653.5000	-24.7977	59.9518	113.0915	0.1131	9.5554	79.8140
653.7500	-24.7757	59.6481	113.1251	0.1204	9.5451	83.6517
654.0000	-24.7699	59.8054	113.1561	0.1247	9.5231	84.7274
654.2500	-24.7747	59.9072	113.1858	0.1240	9.4901	83.3884
654.5000	-24.8197	59.9503	113.2154	0.1197	9.4527	81.2744
654.7500	-24.9402	59.8714	113.2454	0.1149	9.4164	79.7939
655.0000	-25.0860	59.7345	113.2757	0.1110	9.3847	79.3049
655.2500	-25.1552	59.6837	113.3048	0.1072	9.3626	79.5502
655.5000	-25.1371	59.4555	113.3310	0.1026	9.3514	79.9332
655.7500	-25.0967	59.9412	113.3549	0.0972	9.3448	79.3396
656.0000	-25.0556	59.5758	113.3780	0.0920	9.3382	76.9776
656.2500	-25.0088	59.7592	113.4001	0.0892	9.3317	73.5073
656.5000	-24.9816	59.6651	113.4206	0.0899	9.3267	70.2119
656.7500	-24.9835	59.6620	113.4398	0.0935	9.3260	67.4070
657.0000	-24.9591	59.8914	113.4598	0.0983	9.3354	64.9189
657.2500	-24.8506	59.8639	113.4832	0.1031	9.3651	63.5155
657.5000	-24.7095	60.1027	113.5108	0.1071	9.4315	65.0237
657.7500	-24.6575	60.0949	113.5419	0.1098	9.5490	71.1113
658.0000	-24.7264	60.1030	113.5745	0.1109	9.7096	81.0677

658.2500	-24.8380	59.9270	113.6064	0.1097	9.8584	91.4316
658.5000	-24.9254	60.0892	113.6348	0.1055	9.9055	99.7287
658.7500	-24.9707	59.3923	113.6593	0.0989	9.8100	107.2234
659.0000	-24.9646	59.7746	113.6815	0.0926	9.6347	116.4966
659.2500	-24.9172	59.6232	113.7025	0.0902	9.4760	127.9706
659.5000	-24.8939	59.5064	113.7219	0.0937	9.3733	139.5927
659.7500	-24.9564	59.7808	113.7397	0.1009	9.3162	148.8612
660.0000	-25.0478	59.6204	113.7596	0.1073	9.2916	154.4845
660.2500	-25.0466	60.2214	113.7867	0.1102	9.2903	156.1710
660.5000	-24.9474	59.9965	113.8222	0.1100	9.2984	153.7242
660.7500	-24.8434	59.8994	113.8611	0.1081	9.3062	147.1062
661.0000	-24.7730	59.8409	113.8962	0.1038	9.3109	136.7711
661.2500	-24.7314	59.8625	113.9230	0.0955	9.3142	123.6115
661.5000	-24.7499	59.5527	113.9420	0.0833	9.3222	109.2052
661.7500	-24.8423	59.5787	113.9559	0.0696	9.3391	95.5802
662.0000	-24.9231	59.8808	113.9672	0.0578	9.3636	84.1696
662.2500	-24.8871	59.6436	113.9777	0.0505	9.3894	75.3831
662.5000	-24.7771	59.7886	113.9887	0.0484	9.4082	69.2418
662.7500	-24.7393	59.5186	114.0003	0.0501	9.4185	65.9510
663.0000	-24.8056	59.9902	114.0119	0.0536	9.4279	65.5820
663.2500	-24.8800	59.6142	114.0240	0.0570	9.4423	67.3866
663.5000	-24.9033	59.6527	114.0387	0.0593	9.4586	69.7234
663.7500	-24.8864	59.8409	114.0561	0.0600	9.4714	71.1166
664.0000	-24.8387	59.6665	114.0743	0.0599	9.4790	71.7560
664.2500	-24.7677	59.5850	114.0917	0.0600	9.4824	73.3572
664.5000	-24.7234	59.7222	114.1072	0.0602	9.4882	76.8030
664.7500	-24.7583	59.9163	114.1203	0.0602	9.5041	81.4605
665.0000	-24.8265	59.4648	114.1317	0.0606	9.5270	87.0802
665.2500	-24.8287	59.5233	114.1440	0.0612	9.5458	93.8464
665.5000	-24.7692	59.9257	114.1590	0.0618	9.5548	101.2671
665.7500	-24.7408	59.8008	114.1765	0.0627	9.5565	108.5770
666.0000	-24.7803	59.6204	114.1954	0.0636	9.5558	115.0462
666.2500	-24.8586	59.8841	114.2140	0.0633	9.5553	119.9176
666.5000	-24.9599	59.8363	114.2308	0.0612	9.5559	123.0595
666.7500	-25.0797	59.9763	114.2456	0.0585	9.5573	124.8370
667.0000	-25.1640	59.6451	114.2589	0.0562	9.5588	125.1049
667.2500	-25.1375	59.7360	114.2706	0.0546	9.5598	123.8865
667.5000	-25.0148	60.0057	114.2815	0.0535	9.5607	123.1136
667.7500	-24.8924	59.5665	114.2935	0.0526	9.5628	125.1971
668.0000	-24.8240	59.6282	114.3078	0.0521	9.5675	129.8408
668.2500	-24.7948	59.6806	114.3233	0.0528	9.5728	134.5264
668.5000	-24.7878	59.8609	114.3379	0.0543	9.5749	137.1874
668.7500	-24.7978	60.0182	114.3508	0.0551	9.5748	137.7750
669.0000	-24.8048	59.6034	114.3631	0.0538	9.5756	138.0732
669.2500	-24.7912	59.7175	114.3762	0.0509	9.5761	138.7880
669.5000	-24.7828	59.6944	114.3901	0.0479	9.5774	138.3901
669.7500	-24.8215	59.6975	114.4037	0.0461	9.5823	136.5096
670.0000	-24.8961	59.6713	114.4155	0.0447	9.5856	135.1757
670.2500	-24.9648	59.7669	114.4251	0.0423	9.5828	135.6518
670.5000	-25.0205	59.6758	114.4338	0.0390	9.5800	136.8395
670.7500	-25.0619	59.6698	114.4429	0.0366	9.5828	137.3151
671.0000	-25.0570	60.0210	114.4525	0.0367	9.5857	137.3246
671.2500	-24.9946	59.7560	114.4608	0.0395	9.5828	138.2557
671.5000	-24.9221	59.5217	114.4681	0.0433	9.5799	141.0736
671.7500	-24.8898	59.6883	114.4769	0.0459	9.5823	145.5945
672.0000	-24.8823	59.6189	114.4889	0.0467	9.5837	150.9460
672.2500	-24.8557	59.7051	114.5041	0.0470	9.5772	156.4628

672.5000	-24.8224	59.6512	114.5204	0.0480	9.5671	161.6022
672.7500	-24.8254	59.8499	114.5348	0.0490	9.5610	164.9653
673.0000	-24.8623	59.6959	114.5458	0.0490	9.5596	164.6906
673.2500	-24.9109	59.8270	114.5549	0.0468	9.5598	161.0706
673.5000	-24.9814	59.6929	114.5642	0.0426	9.5601	157.2122
673.7500	-25.0801	59.8794	114.5750	0.0376	9.5602	155.3708
674.0000	-25.1457	59.7360	114.5869	0.0339	9.5602	154.8820
674.2500	-25.0989	59.6405	114.5978	0.0321	9.5602	153.8877
674.5000	-24.9693	59.7469	114.6056	0.0311	9.5602	150.7406
674.7500	-24.8625	59.4971	114.6101	0.0295	9.5602	144.8611
675.0000	-24.8058	59.6836	114.6136	0.0271	9.5602	137.8790
675.2500	-24.7583	59.8209	114.6190	0.0242	9.5602	133.0214
675.5000	-24.7191	59.7653	114.6263	0.0223	9.5601	132.0275
675.7500	-24.7041	59.9842	114.6341	0.0221	9.5594	133.1815
676.0000	-24.6917	60.3401	114.6410	0.0225	9.5561	133.8436
676.2500	-24.6669	59.6851	114.6463	0.0218	9.5462	133.5656
676.5000	-24.6710	59.6713	114.6503	0.0196	9.5271	133.6574
676.7500	-24.7551	59.7174	114.6542	0.0170	9.5048	135.1675
677.0000	-24.8886	59.5974	114.6586	0.0148	9.4916	137.7647
677.2500	-24.9886	59.6606	114.6626	0.0125	9.4931	139.8143
677.5000	-25.0337	59.4832	114.6655	0.0090	9.5025	139.3614
677.7500	-25.0519	59.9779	114.6681	0.0043	9.5099	136.0407
678.0000	-25.0437	59.4785	114.6705	0.0008	9.5125	130.9820
678.2500	-25.0128	59.7916	114.6712	0.0012	9.5122	124.5751
678.5000	-25.0030	59.8115	114.6684	0.0039	9.5117	116.6420
678.7500	-25.0318	59.8917	114.6628	0.0056	9.5123	107.4479
679.0000	-25.0306	59.9779	114.6603	0.0054	9.5131	96.9806
679.2500	-24.9199	59.7468	114.6649	0.0051	9.5131	85.6824
679.5000	-24.7446	60.2511	114.6733	0.0064	9.5123	75.8762
679.7500	-24.6345	60.0614	114.6792	0.0090	9.5117	70.0792
680.0000	-24.6298	59.6112	114.6813	0.0100	9.5117	68.9646
680.2500	-24.6749	60.1275	114.6814	0.0074	9.5103	72.6224
680.5000	-24.7389	59.4092	114.6812	0.0031	9.5044	81.1590
680.7500	-24.8186	59.8685	114.6809	-0.0003	9.4947	92.9011
681.0000	-24.8812	59.6559	114.6803	-0.0027	9.4872	104.4509
681.2500	-24.8960	59.5588	114.6798	-0.0051	9.4844	112.6681
681.5000	-24.9039	60.2846	114.6795	-0.0077	9.4810	116.3030
681.7500	-24.9781	59.8548	114.6785	-0.0095	9.4751	116.1892
682.0000	-25.0916	60.1242	114.6759	-0.0100	9.4726	113.3981
682.2500	-25.1359	59.7067	114.6712	-0.0098	9.4795	107.9479
682.5000	-25.0888	59.8070	114.6659	-0.0098	9.4944	100.0309
682.7500	-25.0226	60.1551	114.6619	-0.0096	9.5061	90.9147
683.0000	-24.9730	59.8810	114.6603	-0.0086	9.4996	81.8541
683.2500	-24.9282	59.7300	114.6602	-0.0071	9.4741	73.1007
683.5000	-24.8998	59.7253	114.6600	-0.0067	9.4463	64.6011
683.7500	-24.9171	59.4694	114.6594	-0.0085	9.4321	57.1472
684.0000	-24.9617	59.4986	114.6588	-0.0122	9.4361	51.9431
684.2500	-24.9748	59.5557	114.6570	-0.0162	9.4550	49.1672
684.5000	-24.9537	59.5973	114.6524	-0.0191	9.4791	47.8907
684.7500	-24.9578	59.7544	114.6448	-0.0208	9.4953	46.9583
685.0000	-25.0059	59.9424	114.6360	-0.0217	9.4953	45.4138
685.2500	-25.0619	59.6358	114.6279	-0.0221	9.4787	42.8679
685.5000	-25.1021	59.8362	114.6217	-0.0216	9.4564	39.8171
685.7500	-25.1151	59.7869	114.6178	-0.0201	9.4458	36.9717
686.0000	-25.0686	60.0228	114.6153	-0.0186	9.4555	34.4982
686.2500	-24.9509	59.9226	114.6128	-0.0181	9.4753	32.3379
686.5000	-24.8333	59.9380	114.6092	-0.0189	9.4878	30.5170

686.7500	-24.8097	59.7453	114.6045	-0.0213	9.4881	29.0151
687.0000	-24.8563	59.7901	114.5987	-0.0247	9.4866	27.6885
687.2500	-24.8633	59.6728	114.5918	-0.0283	9.4900	26.2682
687.5000	-24.8094	59.7207	114.5839	-0.0313	9.4920	24.6245
687.7500	-24.7726	59.8577	114.5752	-0.0332	9.4873	23.2722
688.0000	-24.7954	59.8239	114.5659	-0.0341	9.4838	23.3231
688.2500	-24.8576	60.1058	114.5562	-0.0345	9.4899	25.3832
688.5000	-24.9405	60.0968	114.5467	-0.0345	9.4991	28.5357
688.7500	-25.0382	59.8763	114.5381	-0.0341	9.5007	30.8997
689.0000	-25.1152	59.7992	114.5304	-0.0328	9.4942	31.4415
689.2500	-25.1194	59.8993	114.5228	-0.0303	9.4892	30.9884
689.5000	-25.0546	59.8656	114.5149	-0.0269	9.4923	30.9707
689.7500	-24.9734	59.6513	114.5070	-0.0239	9.4986	31.8380
690.0000	-24.9016	59.6775	114.5002	-0.0222	9.4991	33.3131
690.2500	-24.8372	59.4756	114.4955	-0.0220	9.4931	34.9605
690.5000	-24.7991	59.7404	114.4929	-0.0229	9.4889	35.8254
690.7500	-24.8063	59.4786	114.4904	-0.0244	9.4930	34.8621
691.0000	-24.8240	59.6205	114.4860	-0.0268	9.5026	32.2393
691.2500	-24.7971	59.6311	114.4787	-0.0304	9.5127	29.0182
691.5000	-24.7473	59.9455	114.4691	-0.0350	9.5249	25.9052
691.7500	-24.7485	59.9719	114.4582	-0.0388	9.5435	23.2843
692.0000	-24.8058	59.9131	114.4465	-0.0405	9.5694	21.4202
692.2500	-24.8725	59.7792	114.4346	-0.0395	9.5963	20.1600
692.5000	-24.9423	59.7206	114.4230	-0.0373	9.6121	19.2783
692.7500	-25.0125	59.9380	114.4128	-0.0351	9.6147	18.8324
693.0000	-25.0363	60.1089	114.4051	-0.0332	9.6224	18.8967
693.2500	-24.9946	59.6806	114.3997	-0.0306	9.6505	19.2493
693.5000	-24.9426	59.5603	114.3946	-0.0276	9.6857	19.4232
693.7500	-24.9380	59.7547	114.3879	-0.0252	9.6967	19.1797
694.0000	-24.9539	59.3430	114.3802	-0.0245	9.6727	18.6328
694.2500	-24.9262	59.6158	114.3734	-0.0252	9.6352	18.0031
694.5000	-24.8642	59.6728	114.3678	-0.0262	9.6055	17.6616
694.7500	-24.8252	59.9997	114.3623	-0.0271	9.5853	17.8573
695.0000	-24.8192	60.0380	114.3560	-0.0277	9.5721	18.3283
695.2500	-24.8338	59.7962	114.3493	-0.0283	9.5655	18.7677
695.5000	-24.8879	59.5911	114.3421	-0.0286	9.5632	19.1934
695.7500	-24.9838	59.6451	114.3338	-0.0288	9.5614	19.6149
696.0000	-25.0546	59.8085	114.3247	-0.0292	9.5569	19.9807
696.2500	-25.0339	59.7084	114.3167	-0.0296	9.5458	20.2092
696.5000	-24.9657	59.6590	114.3106	-0.0289	9.5251	20.0007
696.7500	-24.9493	59.8069	114.3047	-0.0266	9.5012	19.3798
697.0000	-24.9824	59.5833	114.2976	-0.0236	9.4876	18.9315
697.2500	-24.9876	59.5788	114.2902	-0.0212	9.4901	18.8173
697.5000	-24.9492	59.4247	114.2844	-0.0196	9.5000	18.7741
697.7500	-24.8996	59.7390	114.2806	-0.0183	9.5070	19.1097
698.0000	-24.8401	59.7824	114.2775	-0.0176	9.5082	20.3703
698.2500	-24.7618	59.7545	114.2742	-0.0193	9.5028	22.2879
698.5000	-24.7042	59.5510	114.2713	-0.0246	9.4918	23.9457
698.7500	-24.7233	59.7330	114.2682	-0.0319	9.4806	24.8327
699.0000	-24.8007	59.8053	114.2624	-0.0383	9.4760	25.1142
699.2500	-24.8657	59.7406	114.2516	-0.0423	9.4797	25.1366
699.5000	-24.9040	59.3229	114.2353	-0.0450	9.4884	24.9183
699.7500	-24.9493	59.6374	114.2167	-0.0473	9.4953	23.9715
700.0000	-25.0027	59.5541	114.2008	-0.0487	9.5005	22.1383
700.2500	-25.0462	59.6266	114.1896	-0.0480	9.5144	20.4795
700.5000	-25.0850	59.7068	114.1814	-0.0452	9.5435	20.3253
700.7500	-25.1201	59.5541	114.1736	-0.0421	9.5829	21.5871

701.0000	-25.1061	59.8270	114.1651	-0.0403	9.6227	23.0056
701.2500	-24.9977	59.6465	114.1557	-0.0399	9.6512	23.7569
701.5000	-24.8459	59.8532	114.1449	-0.0397	9.6555	23.7602
701.7500	-24.7601	59.8562	114.1325	-0.0384	9.6295	22.9558
702.0000	-24.7600	59.6666	114.1202	-0.0364	9.5828	21.2891
702.2500	-24.7787	59.9856	114.1097	-0.0345	9.5355	19.0474
702.5000	-24.7854	59.4447	114.1020	-0.0330	9.5067	16.9163
702.7500	-24.8018	59.9440	114.0967	-0.0312	9.5029	15.7947
703.0000	-24.8325	59.3954	114.0922	-0.0287	9.5151	16.1172
703.2500	-24.8545	59.6726	114.0866	-0.0258	9.5288	17.3101
703.5000	-24.8847	59.8486	114.0789	-0.0234	9.5310	18.3167
703.7500	-24.9784	59.8130	114.0702	-0.0221	9.5130	18.5097
704.0000	-25.1134	59.5295	114.0628	-0.0215	9.4755	17.9574
704.2500	-25.1907	59.5048	114.0581	-0.0209	9.4285	17.1519
704.5000	-25.1835	59.9041	114.0552	-0.0199	9.3883	16.5589
704.7500	-25.1480	59.5140	114.0525	-0.0192	9.3658	16.4088
705.0000	-25.1083	59.8517	114.0492	-0.0196	9.3562	16.6402
705.2500	-25.0469	59.7653	114.0448	-0.0214	9.3485	16.7177
705.5000	-24.9702	60.1817	114.0390	-0.0235	9.3398	16.0109
705.7500	-24.9107	59.9872	114.0318	-0.0248	9.3328	14.5725
706.0000	-24.8692	59.7576	114.0235	-0.0248	9.3283	13.2281
706.2500	-24.8117	59.7485	114.0152	-0.0234	9.3264	12.9486
706.5000	-24.7563	59.5665	114.0081	-0.0208	9.3261	14.0568
706.7500	-24.7694	59.8283	114.0028	-0.0171	9.3263	15.8113
707.0000	-24.8480	59.5342	113.9996	-0.0123	9.3279	16.9743
707.2500	-24.9246	59.8731	113.9980	-0.0066	9.3310	17.0015
707.5000	-24.9753	59.8177	113.9974	-0.0005	9.3353	16.4506
707.7500	-25.0152	59.7900	113.9977	0.0051	9.3418	16.1041
708.0000	-25.0284	59.5942	113.9990	0.0089	9.3491	16.0428
708.2500	-24.9842	59.7344	114.0019	0.0113	9.3518	15.8993
708.5000	-24.9138	60.0120	114.0072	0.0135	9.3516	15.6859
708.7500	-24.8900	59.9101	114.0130	0.0159	9.3632	15.8469
709.0000	-24.9020	59.8578	114.0174	0.0181	9.3955	16.7864
709.2500	-24.8629	59.9366	114.0206	0.0199	9.4343	18.8837
709.5000	-24.7612	59.5234	114.0245	0.0213	9.4562	22.9847
709.7500	-24.6802	59.4848	114.0295	0.0230	9.4579	29.9395
710.0000	-24.6754	59.6081	114.0352	0.0257	9.4535	39.2307
710.2500	-24.7373	59.5326	114.0417	0.0291	9.4500	48.4607
710.5000	-24.8456	59.6203	114.0498	0.0321	9.4476	54.0254
710.7500	-24.9769	59.7960	114.0591	0.0334	9.4565	53.5824
711.0000	-25.0714	59.9396	114.0689	0.0329	9.4957	48.3026
711.2500	-25.0698	59.7868	114.0789	0.0310	9.5706	40.8200
711.5000	-24.9981	60.2091	114.0887	0.0285	9.6528	32.7366
711.7500	-24.9355	59.9611	114.0964	0.0264	9.6895	25.5148
712.0000	-24.9026	59.8994	114.1010	0.0252	9.6525	20.8078
712.2500	-24.8733	59.8378	114.1037	0.0246	9.5692	19.0102
712.5000	-24.8485	59.7515	114.1068	0.0241	9.4905	19.0623
712.7500	-24.8287	59.8299	114.1119	0.0241	9.4436	19.8901
713.0000	-24.7724	59.8098	114.1193	0.0255	9.4272	21.0948
713.2500	-24.6574	59.6328	114.1282	0.0278	9.4303	22.3064
713.5000	-24.5563	59.8363	114.1368	0.0301	9.4418	23.1760
713.7500	-24.5752	59.7037	114.1445	0.0316	9.4513	24.1270
714.0000	-24.7114	60.1847	114.1519	0.0324	9.4561	25.9849
714.2500	-24.8675	59.8393	114.1593	0.0327	9.4627	28.7210
714.5000	-24.9845	59.7746	114.1670	0.0327	9.4724	30.8753
714.7500	-25.0530	59.8100	114.1751	0.0323	9.4791	30.5401
715.0000	-25.0580	59.8516	114.1841	0.0315	9.4841	27.4273

715.2500	-25.0075	59.7468	114.1936	0.0304	9.4923	23.5826
715.5000	-24.9659	59.6820	114.2022	0.0290	9.4998	21.5014
715.7500	-24.9877	59.9964	114.2091	0.0270	9.4984	21.9915
716.0000	-25.0322	59.5403	114.2149	0.0240	9.4885	24.2306
716.2500	-25.0185	59.6358	114.2201	0.0209	9.4782	27.2521
716.5000	-24.9540	59.9673	114.2250	0.0194	9.4749	31.1318
716.7500	-24.8946	59.6651	114.2291	0.0202	9.4802	36.7916
717.0000	-24.8372	59.6682	114.2322	0.0225	9.4917	43.9191
717.2500	-24.7724	60.0719	114.2354	0.0250	9.5024	49.7884
717.5000	-24.7536	60.0197	114.2410	0.0270	9.5059	51.8805
717.7500	-24.8201	60.0598	114.2495	0.0291	9.5006	50.3519
718.0000	-24.9181	59.9874	114.2599	0.0320	9.4905	46.7107
718.2500	-24.9617	59.5742	114.2701	0.0351	9.4853	42.2232
718.5000	-24.9508	59.5033	114.2791	0.0370	9.4911	38.1238
718.7500	-24.9549	59.6051	114.2873	0.0372	9.5022	35.6797
719.0000	-24.9926	59.4632	114.2961	0.0367	9.5094	35.3500
719.2500	-25.0171	59.7531	114.3056	0.0369	9.5108	36.1618
719.5000	-25.0000	59.5418	114.3149	0.0379	9.5084	36.5870
719.7500	-24.9550	59.9902	114.3239	0.0389	9.5024	35.8688
720.0000	-24.8930	59.7854	114.3333	0.0391	9.4938	33.8979
720.2500	-24.8143	59.7561	114.3439	0.0386	9.4890	30.6524
720.5000	-24.7583	59.8763	114.3549	0.0376	9.4930	26.5025
720.7500	-24.7841	60.0305	114.3651	0.0361	9.5018	22.4032
721.0000	-24.8679	59.6404	114.3742	0.0338	9.5091	19.2880
721.2500	-24.9272	60.0491	114.3827	0.0312	9.5128	17.4712
721.5000	-24.9544	59.6174	114.3902	0.0293	9.5136	16.7076
721.7500	-24.9894	60.0753	114.3960	0.0286	9.5114	16.7565
722.0000	-25.0176	59.9397	114.4008	0.0286	9.5050	17.5413
722.2500	-25.0251	60.0058	114.4062	0.0279	9.4966	18.6995
722.5000	-25.0558	59.6020	114.4135	0.0268	9.4969	19.7460
722.7500	-25.1264	59.6066	114.4224	0.0263	9.5196	20.8416
723.0000	-25.1573	59.6667	114.4313	0.0261	9.5669	22.4394
723.2500	-25.0619	60.0657	114.4385	0.0251	9.6169	24.2980
723.5000	-24.8864	60.0103	114.4438	0.0226	9.6290	25.9804
723.7500	-24.7599	59.8470	114.4485	0.0196	9.5892	27.6330
724.0000	-24.7179	59.8362	114.4531	0.0183	9.5341	29.2669
724.2500	-24.7059	59.7268	114.4565	0.0191	9.5006	30.3180
724.5000	-24.7029	59.9147	114.4586	0.0212	9.4894	30.3706
724.7500	-24.7206	59.9782	114.4616	0.0230	9.4912	29.5603
725.0000	-24.7468	59.9070	114.4679	0.0244	9.5054	28.3467
725.2500	-24.7682	59.4663	114.4768	0.0262	9.5274	27.1652
725.5000	-24.8197	59.5588	114.4861	0.0291	9.5459	26.2036
725.7500	-24.9467	59.7759	114.4945	0.0324	9.5548	25.4968
726.0000	-25.1090	59.6497	114.5018	0.0343	9.5564	25.1045
726.2500	-25.2090	59.8390	114.5088	0.0345	9.5544	25.0578
726.5000	-25.2252	60.1276	114.5168	0.0342	9.5504	25.4579
726.7500	-25.1992	59.5957	114.5264	0.0342	9.5465	26.3401
727.0000	-25.1372	60.0536	114.5364	0.0343	9.5472	27.0461
727.2500	-25.0398	59.8255	114.5457	0.0340	9.5545	26.9992
727.5000	-24.9521	59.7607	114.5545	0.0329	9.5690	26.7751
727.7500	-24.9086	60.1767	114.5630	0.0313	9.5929	26.8454
728.0000	-24.8792	59.7206	114.5705	0.0296	9.6221	26.5508
728.2500	-24.8137	59.7531	114.5768	0.0287	9.6419	25.5162
728.5000	-24.7310	59.3198	114.5827	0.0281	9.6377	24.5014
728.7500	-24.6948	59.8193	114.5889	0.0277	9.6123	24.0340
729.0000	-24.7114	59.4894	114.5957	0.0282	9.5849	23.9209
729.2500	-24.7479	59.8532	114.6030	0.0299	9.5690	24.2694

729.5000	-24.8099	59.9365	114.6106	0.0321	9.5629	25.1192
729.7500	-24.8967	59.8085	114.6184	0.0337	9.5622	25.7364
730.0000	-24.9517	59.6620	114.6269	0.0339	9.5715	25.5583
730.2500	-24.9312	59.6204	114.6366	0.0330	9.5939	24.8208
730.5000	-24.8808	59.8917	114.6469	0.0317	9.6121	24.1538
730.7500	-24.8812	59.8317	114.6563	0.0307	9.6058	24.2405
731.0000	-24.9259	60.0488	114.6636	0.0304	9.5836	25.1810
731.2500	-24.9360	59.6343	114.6690	0.0299	9.5669	26.1796
731.5000	-24.8908	59.8253	114.6739	0.0284	9.5609	26.5235
731.7500	-24.8316	59.6944	114.6799	0.0265	9.5600	26.2108
732.0000	-24.7750	59.7823	114.6877	0.0259	9.5603	25.4083
732.2500	-24.7282	60.0425	114.6964	0.0269	9.5618	24.1921
732.5000	-24.7328	59.7484	114.7037	0.0290	9.5681	22.8900
732.7500	-24.8137	59.9627	114.7094	0.0308	9.5851	22.1890
733.0000	-24.9168	59.6451	114.7153	0.0316	9.6109	22.7299
733.2500	-24.9616	59.7376	114.7229	0.0313	9.6265	24.4436
733.5000	-24.9510	59.6728	114.7318	0.0309	9.6157	26.4073
733.7500	-24.9561	59.7500	114.7415	0.0313	9.5896	27.6936
734.0000	-24.9992	59.5618	114.7509	0.0321	9.5692	28.0685
734.2500	-25.0388	59.6575	114.7589	0.0325	9.5588	27.7864
734.5000	-25.0470	60.0304	114.7656	0.0322	9.5538	27.3081
734.7500	-25.0201	59.4848	114.7720	0.0303	9.5605	27.0427
735.0000	-24.9413	59.7838	114.7794	0.0273	9.5974	26.8467
735.2500	-24.8045	59.9380	114.7879	0.0252	9.6694	26.2295
735.5000	-24.6714	60.2124	114.7961	0.0249	9.7447	25.3610
735.7500	-24.6267	59.7375	114.8021	0.0255	9.7767	25.1200
736.0000	-24.6699	59.8994	114.8055	0.0249	9.7553	26.0596
736.2500	-24.7481	59.9812	114.8092	0.0231	9.7246	27.7130
736.5000	-24.8530	59.8070	114.8155	0.0215	9.7456	29.0072
736.7500	-24.9742	59.8949	114.8230	0.0218	9.8293	29.5815
737.0000	-25.0478	60.1756	114.8293	0.0244	9.9055	30.5486
737.2500	-25.0412	59.4509	114.8341	0.0279	9.8902	33.5475
737.5000	-25.0191	59.5911	114.8391	0.0302	9.7881	38.7148
737.7500	-25.0617	59.5049	114.8456	0.0309	9.6765	43.4511
738.0000	-25.1358	59.5049	114.8543	0.0312	9.6074	44.5664
738.2500	-25.1349	59.6097	114.8650	0.0317	9.5795	42.2061
738.5000	-25.0405	59.6390	114.8758	0.0326	9.5733	39.3189
738.7500	-24.9301	59.7468	114.8849	0.0337	9.5730	37.3592
739.0000	-24.8517	59.5433	114.8917	0.0345	9.5775	35.4557
739.2500	-24.8012	59.6389	114.8975	0.0344	9.5983	33.0340
739.5000	-24.7818	59.8455	114.9042	0.0336	9.6516	30.7569
739.7500	-24.8010	60.0873	114.9129	0.0329	9.7521	29.2230
740.0000	-24.8242	59.7067	114.9233	0.0329	9.8834	28.1873
740.2500	-24.8037	59.6127	114.9338	0.0339	9.9761	27.2817
740.5000	-24.7703	60.0337	114.9431	0.0351	9.9636	26.6633
740.7500	-24.8022	59.6375	114.9506	0.0360	9.8635	26.8598
741.0000	-24.8938	59.5850	114.9576	0.0363	9.7590	28.3226
741.2500	-24.9738	59.6097	114.9654	0.0360	9.7094	30.7637
741.5000	-25.0185	59.7021	114.9745	0.0353	9.7142	33.0821
741.7500	-25.0269	59.9534	114.9850	0.0348	9.7404	34.3539
742.0000	-24.9736	59.6913	114.9960	0.0343	9.7612	34.5173
742.2500	-24.8731	59.7900	115.0058	0.0333	9.7795	34.1509
742.5000	-24.8082	59.9348	115.0137	0.0312	9.8194	33.7996
742.7500	-24.8335	59.5742	115.0202	0.0285	9.9043	33.3401
743.0000	-24.8950	59.8886	115.0263	0.0259	10.0504	32.3533
743.2500	-24.9035	59.6680	115.0320	0.0246	10.2707	30.9008
743.5000	-24.8640	59.4987	115.0370	0.0245	10.5662	29.3380

743.7500	-24.8468	59.5541	115.0419	0.0247	10.8961	27.8872
744.0000	-24.8728	59.9486	115.0479	0.0242	11.1786	26.8901
744.2500	-24.9222	59.9148	115.0551	0.0231	11.3590	27.1789
744.5000	-24.9930	59.9349	115.0628	0.0224	11.4609	29.2773
744.7500	-25.0781	59.7438	115.0695	0.0225	11.5387	31.9410
745.0000	-25.1266	59.9720	115.0746	0.0225	11.6033	32.9702
745.2500	-25.0877	59.8825	115.0782	0.0221	11.6152	32.0367
745.5000	-24.9883	59.7761	115.0819	0.0218	11.5003	30.7936
745.7500	-24.9035	59.7021	115.0868	0.0228	11.1777	29.8942
746.0000	-24.8562	59.8008	115.0928	0.0254	10.6659	28.3626
746.2500	-24.8188	59.9240	115.0993	0.0289	10.1399	25.9755
746.5000	-24.7809	59.5866	115.1064	0.0314	9.7818	23.6888
746.7500	-24.7484	59.3783	115.1152	0.0322	9.6194	21.9589
747.0000	-24.7139	59.8022	115.1255	0.0320	9.5699	20.5943
747.2500	-24.6800	59.8408	115.1360	0.0315	9.5591	19.5968
747.5000	-24.6952	59.8147	115.1446	0.0307	9.5571	19.0754
747.7500	-24.8090	59.9257	115.1512	0.0294	9.5567	18.9404
748.0000	-24.9772	59.9626	115.1568	0.0273	9.5551	19.0291
748.2500	-25.0950	59.8794	115.1623	0.0248	9.5507	19.0902
748.5000	-25.1350	59.8409	115.1679	0.0231	9.5477	18.7928
748.7500	-25.1490	60.0013	115.1739	0.0228	9.5529	18.1156
749.0000	-25.1607	59.8162	115.1800	0.0234	9.5637	17.4589
749.2500	-25.1502	59.6882	115.1857	0.0239	9.5691	17.2752
749.5000	-25.1057	59.4509	115.1909	0.0235	9.5666	17.7770
749.7500	-25.0387	59.6590	115.1967	0.0221	9.5623	18.7451
750.0000	-24.9538	59.7963	115.2035	0.0206	9.5595	19.4384
750.2500	-24.8456	60.0273	115.2100	0.0204	9.5578	19.1901
750.5000	-24.7518	59.9518	115.2149	0.0216	9.5571	18.1681
750.7500	-24.7386	60.0303	115.2182	0.0229	9.5577	17.0383
751.0000	-24.8019	60.0703	115.2213	0.0234	9.5587	16.2560
751.2500	-24.8711	59.8470	115.2264	0.0233	9.5587	16.0442
751.5000	-24.9119	59.8794	115.2340	0.0233	9.5562	16.4248
751.7500	-24.9450	59.7698	115.2426	0.0238	9.5504	17.1349
752.0000	-24.9811	60.3266	115.2503	0.0240	9.5447	17.7548
752.2500	-25.0040	59.9516	115.2566	0.0226	9.5444	17.9794
752.5000	-25.0317	59.5511	115.2616	0.0194	9.5492	17.8490
752.7500	-25.1124	60.1166	115.2657	0.0156	9.5540	17.4298
753.0000	-25.2039	60.0643	115.2692	0.0125	9.5566	16.6632
753.2500	-25.1858	59.4432	115.2717	0.0104	9.5576	15.9000
753.5000	-25.0406	59.4417	115.2729	0.0088	9.5573	15.6049
753.7500	-24.8802	59.5866	115.2738	0.0076	9.5571	15.4975
754.0000	-24.7877	59.6806	115.2753	0.0071	9.5577	15.0718
754.2500	-24.7610	59.8578	115.2774	0.0079	9.5588	14.5880
754.5000	-24.7845	59.7099	115.2792	0.0096	9.5593	14.6811
754.7500	-24.8557	59.8748	115.2808	0.0113	9.5587	15.5087
755.0000	-24.9373	59.6851	115.2835	0.0125	9.5570	16.8544
755.2500	-24.9679	59.6959	115.2875	0.0134	9.5541	18.3865
755.5000	-24.9524	59.8332	115.2920	0.0148	9.5493	19.5894
755.7500	-24.9576	59.9057	115.2963	0.0168	9.5445	20.2128
756.0000	-25.0059	60.0103	115.3003	0.0185	9.5454	20.8286
756.2500	-25.0620	59.9551	115.3042	0.0196	9.5539	22.0627
756.5000	-25.1034	59.6066	115.3088	0.0199	9.5677	23.2944
756.7500	-25.1215	59.5280	115.3144	0.0199	9.5863	23.3145
757.0000	-25.0891	59.5681	115.3206	0.0199	9.6102	21.9386
757.2500	-24.9929	59.6358	115.3267	0.0202	9.6398	20.0168
757.5000	-24.8848	60.0395	115.3319	0.0203	9.6739	18.5231
757.7500	-24.8412	59.8440	115.3361	0.0194	9.7111	18.0420

758.0000	-24.8625	59.8485	115.3401	0.0183	9.7497	18.4931
758.2500	-24.8901	59.7761	115.3447	0.0177	9.7807	19.1001
758.5000	-24.9107	59.8686	115.3494	0.0181	9.7897	19.1635
758.7500	-24.9495	59.7468	115.3533	0.0189	9.7690	18.7630
759.0000	-24.9975	59.7376	115.3572	0.0193	9.7225	18.1993
759.2500	-25.0303	59.9828	115.3622	0.0186	9.6724	17.4746
759.5000	-25.0570	59.6436	115.3681	0.0178	9.6532	16.6935
759.7500	-25.0999	59.6976	115.3740	0.0178	9.6831	16.1710
760.0000	-25.1407	59.5958	115.3787	0.0182	9.7524	16.1434
760.2500	-25.1317	59.5758	115.3820	0.0177	9.8326	16.6447
760.5000	-25.0724	59.8441	115.3850	0.0160	9.8747	17.3561
760.7500	-25.0064	59.6004	115.3888	0.0139	9.8332	17.8317
761.0000	-24.9447	59.7374	115.3935	0.0131	9.7207	17.9999
761.2500	-24.8749	59.8901	115.3976	0.0140	9.6016	18.1201
761.5000	-24.8160	59.9826	115.4001	0.0155	9.5224	18.3786
761.7500	-24.7945	60.1259	115.4019	0.0164	9.4844	18.5822
762.0000	-24.8009	59.8054	115.4049	0.0162	9.4706	18.4762
762.2500	-24.8084	59.8175	115.4100	0.0158	9.4672	18.2672
762.5000	-24.8321	59.5064	115.4160	0.0163	9.4662	18.1824
762.7500	-24.9191	59.7855	115.4217	0.0176	9.4622	17.9597
763.0000	-25.0529	59.7977	115.4260	0.0186	9.4505	17.3405
763.2500	-25.1523	59.7823	115.4293	0.0184	9.4271	16.6695
763.5000	-25.1883	59.6003	115.4327	0.0173	9.3953	16.6052
763.7500	-25.2042	59.8222	115.4371	0.0160	9.3679	17.4432
764.0000	-25.2269	59.7405	115.4422	0.0147	9.3550	19.0021
764.2500	-25.2339	60.2200	115.4468	0.0138	9.3511	20.7963
764.5000	-25.1992	59.6420	115.4507	0.0133	9.3461	22.3145
764.7500	-25.1288	59.4462	115.4537	0.0131	9.3406	23.4072
765.0000	-25.0243	59.6868	115.4555	0.0136	9.3400	24.2169
765.2500	-24.8690	59.7606	115.4569	0.0150	9.3390	24.7476
765.5000	-24.7069	60.1890	115.4593	0.0169	9.3252	24.9442
765.7500	-24.6363	59.5109	115.4634	0.0190	9.2965	25.0739
766.0000	-24.6785	59.6744	115.4693	0.0212	9.2657	25.3619
766.2500	-24.7697	59.6205	115.4768	0.0226	9.2457	25.5291
766.5000	-24.8710	59.7192	115.4845	0.0224	9.2367	25.2321
766.7500	-24.9781	59.7730	115.4917	0.0207	9.2317	24.6679
767.0000	-25.0605	59.7670	115.4979	0.0177	9.2287	24.4003
767.2500	-25.0790	59.3430	115.5022	0.0132	9.2283	24.6843
767.5000	-25.0625	59.6666	115.5041	0.0082	9.2299	25.2727
767.7500	-25.0881	59.5187	115.5047	0.0052	9.2347	25.8149
768.0000	-25.1455	59.8268	115.5047	0.0061	9.2430	26.0085
768.2500	-25.1383	59.7313	115.5032	0.0099	9.2473	25.6872
768.5000	-25.0473	59.8193	115.5008	0.0143	9.2417	25.2206
768.7500	-24.9522	59.6975	115.5021	0.0182	9.2313	25.3219
769.0000	-24.9027	59.7175	115.5102	0.0213	9.2249	26.2752
769.2500	-24.8864	60.0643	115.5220	0.0244	9.2243	27.6954
769.5000	-24.8998	59.7283	115.5328	0.0280	9.2264	29.0735
769.7500	-24.9592	60.0692	115.5412	0.0303	9.2280	30.3055
770.0000	-25.0345	59.2966	115.5473	0.0300	9.2308	31.1961
770.2500	-25.0573	59.6560	115.5520	0.0279	9.2381	30.9021
770.5000	-25.0349	59.6899	115.5567	0.0255	9.2468	28.9359
770.7500	-25.0435	59.5511	115.5627	0.0233	9.2481	25.8088
771.0000	-25.0922	59.5342	115.5702	0.0219	9.2411	22.3202
771.2500	-25.1271	59.7743	115.5778	0.0219	9.2363	19.3188
771.5000	-25.1350	59.5804	115.5838	0.0225	9.2387	17.4232
771.7500	-25.1257	59.8978	115.5877	0.0226	9.2398	16.6252
772.0000	-25.0696	59.5588	115.5910	0.0216	9.2343	16.7556

772.2500	-24.9450	59.8763	115.5957	0.0198	9.2269	17.6903
772.5000	-24.8145	59.8193	115.6017	0.0182	9.2235	19.0297
772.7500	-24.7774	59.8640	115.6079	0.0174	9.2252	20.0974
773.0000	-24.8436	60.2387	115.6133	0.0167	9.2296	20.4492
773.2500	-24.9438	59.9917	115.6174	0.0156	9.2323	20.2864
773.5000	-25.0410	59.9563	115.6203	0.0143	9.2309	19.9800
773.7500	-25.1253	59.7392	115.6224	0.0132	9.2285	19.5244
774.0000	-25.1654	59.5079	115.6244	0.0132	9.2279	18.8836
774.2500	-25.1618	59.6283	115.6270	0.0143	9.2276	18.2979
774.5000	-25.1772	59.5341	115.6303	0.0162	9.2272	18.0047
774.7500	-25.2498	59.6437	115.6344	0.0185	9.2273	18.1060
775.0000	-25.3191	59.5727	115.6397	0.0206	9.2263	18.7514
775.2500	-25.2934	59.4600	115.6459	0.0225	9.2239	20.1332
775.5000	-25.1813	59.7253	115.6526	0.0243	9.2230	22.1072
775.7500	-25.0742	59.5310	115.6593	0.0251	9.2260	23.9068
776.0000	-25.0128	59.8702	115.6656	0.0247	9.2341	24.6820
776.2500	-24.9720	59.7777	115.6721	0.0235	9.2476	24.4544
776.5000	-24.9430	59.6605	115.6788	0.0226	9.2675	23.9480
776.7500	-24.9482	59.7807	115.6847	0.0224	9.2930	23.5422
777.0000	-25.0100	59.9611	115.6890	0.0224	9.3176	22.9566
777.2500	-25.1383	59.8285	115.6930	0.0221	9.3295	21.7243
777.5000	-25.3276	59.7962	115.6979	0.0213	9.3181	19.7674
777.7500	-25.5494	60.2414	115.7041	0.0210	9.2875	17.5305
778.0000	-25.7374	59.9871	115.7105	0.0219	9.2571	15.5858
778.2500	-25.8282	60.0257	115.7163	0.0237	9.2402	14.2217
778.5000	-25.8379	60.0349	115.7214	0.0249	9.2344	13.3608
778.7500	-25.8232	59.6928	115.7266	0.0252	9.2338	12.8821
779.0000	-25.7897	59.5619	115.7329	0.0249	9.2336	12.8394
779.2500	-25.7204	59.8810	115.7403	0.0247	9.2315	13.1086
779.5000	-25.6287	59.7145	115.7478	0.0257	9.2299	13.4220
779.7500	-25.5323	59.6312	115.7545	0.0276	9.2315	13.9898
780.0000	-25.4310	59.6234	115.7602	0.0290	9.2336	15.3158
780.2500	-25.3355	59.8070	115.7657	0.0291	9.2336	17.3497
780.5000	-25.3001	60.1443	115.7727	0.0285	9.2329	19.4840
780.7500	-25.3783	59.7422	115.7817	0.0286	9.2329	21.3805
781.0000	-25.5393	59.7066	115.7910	0.0294	9.2333	22.9650
781.2500	-25.6859	59.7269	115.7985	0.0302	9.2357	23.7192
781.5000	-25.7601	59.5187	115.8049	0.0301	9.2406	23.1103
781.7500	-25.7704	59.9813	115.8117	0.0291	9.2475	21.5464
782.0000	-25.7444	59.4956	115.8191	0.0278	9.2550	20.0239
782.2500	-25.7068	59.4972	115.8261	0.0267	9.2608	19.1287
782.5000	-25.6800	59.5187	115.8329	0.0260	9.2642	18.9417
782.7500	-25.6699	59.6960	115.8400	0.0256	9.2665	19.4676
783.0000	-25.6498	60.0396	115.8465	0.0256	9.2638	20.5950
783.2500	-25.5845	59.6990	115.8519	0.0264	9.2527	22.1243
783.5000	-25.4951	59.6436	115.8569	0.0273	9.2404	24.1473
783.7500	-25.4524	59.6944	115.8629	0.0273	9.2355	26.6224
784.0000	-25.4731	59.6928	115.8703	0.0266	9.2355	28.6157
784.2500	-25.5128	59.6960	115.8790	0.0263	9.2331	28.9469
784.5000	-25.5592	59.6174	115.8875	0.0269	9.2284	27.4506
784.7500	-25.6209	59.7130	115.8945	0.0281	9.2272	24.9930
785.0000	-25.6660	60.0891	115.8998	0.0294	9.2284	22.4928
785.2500	-25.6636	59.6558	115.9045	0.0297	9.2254	20.4033
785.5000	-25.6350	59.7237	115.9107	0.0295	9.2213	19.1611
785.7500	-25.6272	59.8702	115.9192	0.0301	9.2242	19.4379
786.0000	-25.6560	59.7237	115.9291	0.0326	9.2313	21.2536
786.2500	-25.6859	60.0935	115.9384	0.0365	9.2343	23.3816

786.5000	-25.6932	59.6112	115.9466	0.0401	9.2319	24.4232
786.7500	-25.7041	59.8070	115.9548	0.0421	9.2288	24.1640
787.0000	-25.7140	59.8440	115.9650	0.0428	9.2279	23.2842
787.2500	-25.6650	59.8529	115.9776	0.0436	9.2279	22.2092
787.5000	-25.5509	60.1446	115.9910	0.0450	9.2289	21.0095
787.7500	-25.4399	59.8946	116.0034	0.0460	9.2326	19.7572
788.0000	-25.3830	59.7267	116.0146	0.0456	9.2376	18.5042
788.2500	-25.3781	59.6943	116.0257	0.0443	9.2408	17.4056
788.5000	-25.4045	59.9500	116.0366	0.0433	9.2415	16.5749
788.7500	-25.4391	59.9041	116.0468	0.0433	9.2393	15.8072
789.0000	-25.4603	59.9411	116.0562	0.0440	9.2326	15.0157
789.2500	-25.4711	59.6605	116.0661	0.0446	9.2229	14.5848
789.5000	-25.5137	59.8548	116.0775	0.0450	9.2168	14.8936
789.7500	-25.6187	60.2202	116.0900	0.0453	9.2183	15.7853
790.0000	-25.7253	60.0164	116.1026	0.0452	9.2230	16.7018
790.2500	-25.7167	59.5788	116.1149	0.0438	9.2272	17.3096
790.5000	-25.5632	59.7977	116.1266	0.0411	9.2319	17.7083
790.7500	-25.3487	59.6714	116.1374	0.0381	9.2361	17.8275
791.0000	-25.1567	59.9226	116.1466	0.0361	9.2369	17.3050
791.2500	-25.0124	59.6034	116.1538	0.0359	9.2349	16.3454
791.5000	-24.9189	59.6574	116.1597	0.0370	9.2332	15.6929
791.7500	-24.8811	60.0861	116.1661	0.0393	9.2330	15.6696
792.0000	-24.8977	59.7990	116.1749	0.0424	9.2341	16.1971
792.2500	-24.9591	59.5372	116.1866	0.0457	9.2393	17.1182
792.5000	-25.0587	59.5972	116.2006	0.0484	9.2525	18.0372
792.7500	-25.1896	59.5527	116.2159	0.0502	9.2742	18.4707
793.0000	-25.3212	59.5897	116.2314	0.0515	9.2984	18.2094
793.2500	-25.4051	59.6837	116.2452	0.0519	9.3148	17.4668
793.5000	-25.4156	59.4154	116.2565	0.0504	9.3179	16.8218
793.7500	-25.3548	59.4848	116.2666	0.0473	9.3094	17.0208
794.0000	-25.2160	59.4124	116.2780	0.0437	9.2924	18.6511
794.2500	-24.9973	59.4894	116.2904	0.0408	9.2708	21.4642
794.5000	-24.7727	59.8932	116.3015	0.0390	9.2521	24.3110
794.7500	-24.6499	59.7699	116.3105	0.0378	9.2431	26.3271
795.0000	-24.6181	59.8331	116.3188	0.0364	9.2470	27.4133
795.2500	-24.5665	59.7777	116.3268	0.0352	9.2615	27.5711
795.5000	-24.4667	59.4941	116.3344	0.0354	9.2783	26.7817
795.7500	-24.4061	59.6311	116.3421	0.0377	9.2920	25.4809
796.0000	-24.4637	59.6204	116.3509	0.0419	9.3026	24.5678
796.2500	-24.6474	60.0181	116.3609	0.0476	9.3084	24.7520
796.5000	-24.9137	59.8285	116.3723	0.0544	9.3079	25.8067
796.7500	-25.1844	59.9040	116.3859	0.0616	9.3072	26.6112
797.0000	-25.3506	59.8054	116.4026	0.0678	9.3124	26.4336
797.2500	-25.3204	60.0103	116.4220	0.0719	9.3196	25.7163
797.5000	-25.1137	59.8147	116.4432	0.0733	9.3228	25.0699
797.7500	-24.8411	59.9380	116.4652	0.0721	9.3235	24.2121
798.0000	-24.5747	59.8145	116.4865	0.0691	9.3257	22.7384
798.2500	-24.3282	59.7330	116.5047	0.0656	9.3284	21.2797
798.5000	-24.1214	59.8578	116.5189	0.0629	9.3284	20.8351
798.7500	-23.9821	59.8699	116.5301	0.0617	9.3259	21.7049
799.0000	-23.9062	59.9024	116.5408	0.0620	9.3249	23.6465
799.2500	-23.8751	59.7745	116.5531	0.0641	9.3294	26.2147
799.5000	-23.9131	59.9395	116.5689	0.0678	9.3403	28.6227
799.7500	-24.0593	59.8794	116.5885	0.0721	9.3555	29.7074
800.0000	-24.2918	59.6327	116.6105	0.0753	9.3713	28.7557
800.2500	-24.5440	59.8237	116.6329	0.0764	9.3866	26.5529
800.5000	-24.7709	59.7393	116.6545	0.0747	9.4043	24.9882

800.7500	-24.9556	59.7716	116.6743	0.0710	9.4264	25.3313
801.0000	-25.0635	59.5234	116.6914	0.0671	9.4537	27.4424
801.2500	-25.0492	59.6928	116.7059	0.0647	9.4882	30.7390
801.5000	-24.9286	59.7467	116.7184	0.0631	9.5307	34.9479
801.7500	-24.7690	59.9642	116.7305	0.0615	9.5748	39.6810
802.0000	-24.6113	59.8379	116.7448	0.0601	9.5988	43.9651
802.2500	-24.4717	59.4509	116.7623	0.0586	9.5889	46.4382
802.5000	-24.3768	59.4153	116.7807	0.0564	9.5693	46.0988
802.7500	-24.3443	59.6882	116.7973	0.0529	9.5831	43.2129
803.0000	-24.3668	60.0412	116.8116	0.0476	9.6605	39.5050
803.2500	-24.4352	59.8223	116.8231	0.0420	9.8117	37.0814
803.5000	-24.5622	59.9858	116.8313	0.0390	10.0101	36.8473
803.7500	-24.7574	59.8394	116.8362	0.0397	10.1777	37.9289
804.0000	-24.9690	59.7037	116.8399	0.0429	10.2141	38.9476
804.2500	-25.1140	59.8391	116.8462	0.0471	10.0841	39.8905
804.5000	-25.1831	59.6097	116.8586	0.0523	9.8870	42.7852
804.7500	-25.2209	59.8716	116.8768	0.0587	9.7966	50.4834
805.0000	-25.2339	59.7083	116.8973	0.0665	9.9222	64.3745
805.2500	-25.2051	59.7298	116.9174	0.0752	10.2248	83.3560
805.5000	-25.1493	59.9425	116.9359	0.0827	10.5760	104.4600
805.7500	-25.0936	59.5417	116.9535	0.0883	10.9423	124.0954
806.0000	-25.0274	60.1675	116.9729	0.0930	11.4474	139.8537
806.2500	-24.9215	59.9379	116.9966	0.0989	12.1803	151.2981
806.5000	-24.8203	59.9072	117.0241	0.1075	13.0602	158.8684
806.7500	-24.8297	60.0287	117.0533	0.1184	13.8643	162.8658
807.0000	-24.9731	59.8702	117.0833	0.1288	14.2461	163.2804
807.2500	-25.1535	59.7669	117.1151	0.1350	13.9289	159.4773
807.5000	-25.2739	59.8147	117.1508	0.1351	13.0588	150.8160
807.7500	-25.3121	59.8424	117.1903	0.1300	12.1494	138.7734
808.0000	-25.2839	59.5833	117.2306	0.1224	11.6513	127.0144
808.2500	-25.2172	59.8949	117.2666	0.1140	11.7695	118.5230
808.5000	-25.1745	59.5911	117.2942	0.1052	12.5439	114.5030
808.7500	-25.2136	59.9933	117.3134	0.0959	13.8578	115.7178
809.0000	-25.2922	59.9087	117.3281	0.0871	15.3646	121.7830
809.2500	-25.3054	59.5850	117.3432	0.0809	16.5198	129.2807
809.5000	-25.2323	59.7837	117.3612	0.0789	16.8825	133.1290
809.7500	-25.1303	59.5573	117.3821	0.0805	16.4694	130.6676
810.0000	-25.0265	59.3831	117.4048	0.0835	15.6374	123.3371
810.2500	-24.9345	59.7468	117.4285	0.0859	14.6469	114.1146
810.5000	-24.9061	59.9720	117.4519	0.0864	13.6105	105.2667
810.7500	-24.9706	60.0118	117.4743	0.0848	12.7562	98.2977
811.0000	-25.0693	60.0259	117.4952	0.0811	12.4364	94.3713
811.2500	-25.1171	59.7976	117.5149	0.0759	12.8792	94.4855
811.5000	-25.1176	59.8671	117.5340	0.0702	13.9995	98.4210
811.7500	-25.1394	59.6543	117.5516	0.0645	15.3501	103.5122
812.0000	-25.1958	59.9549	117.5670	0.0590	16.2529	106.1550
812.2500	-25.2440	59.7392	117.5803	0.0539	16.1104	104.9484
812.5000	-25.2698	59.6420	117.5924	0.0496	14.7851	101.5697
812.7500	-25.2770	59.7930	117.6033	0.0465	12.8469	98.4891
813.0000	-25.2416	59.9781	117.6131	0.0457	11.2043	96.2419
813.2500	-25.1494	59.7823	117.6228	0.0471	10.3058	93.7760
813.5000	-25.0555	59.6914	117.6331	0.0495	9.9805	91.4813
813.7500	-25.0342	59.9210	117.6446	0.0512	9.9140	91.7550
814.0000	-25.0677	59.7084	117.6584	0.0521	9.9259	96.0503
814.2500	-25.0787	59.8654	117.6746	0.0529	9.9461	104.0636
814.5000	-25.0626	59.4277	117.6913	0.0539	9.9729	115.7710
814.7500	-25.0674	59.8315	117.7057	0.0544	10.0480	131.0602

815.0000	-25.0880	59.6852	117.7173	0.0532	10.1914	147.5294
815.2500	-25.0976	59.7839	117.7285	0.0501	10.3523	161.5840
815.5000	-25.1110	60.0656	117.7409	0.0464	10.4629	171.1669
815.7500	-25.1465	59.7946	117.7535	0.0436	10.5210	176.0235
816.0000	-25.1751	59.8331	117.7648	0.0412	10.5596	176.9565
816.2500	-25.1537	59.6744	117.7748	0.0378	10.5597	174.9393
816.5000	-25.0946	59.6651	117.7842	0.0328	10.4789	171.1268
816.7500	-25.0420	59.9072	117.7928	0.0272	10.3386	167.5906
817.0000	-24.9975	59.6975	117.7996	0.0225	10.1977	165.6969
817.2500	-24.9484	59.7638	117.8040	0.0188	10.0828	164.5707
817.5000	-24.9196	59.7146	117.8064	0.0161	9.9968	162.5515
817.7500	-24.9176	60.1120	117.8080	0.0152	9.9440	159.2502
818.0000	-24.9062	59.5342	117.8098	0.0164	9.9198	155.9889
818.2500	-24.8869	59.5341	117.8123	0.0191	9.9113	154.1326
818.5000	-24.9271	59.6559	117.8164	0.0221	9.9123	153.9768
818.7500	-25.0670	59.5618	117.8231	0.0248	9.9194	155.8695
819.0000	-25.2334	59.7269	117.8324	0.0267	9.9239	160.7160
819.2500	-25.3090	59.7391	117.8423	0.0277	9.9161	169.0525
819.5000	-25.2859	59.5371	117.8507	0.0279	9.8979	180.6719
819.7500	-25.2535	59.6805	117.8575	0.0275	9.8848	194.0753
820.0000	-25.2507	59.8978	117.8631	0.0269	9.8819	205.8737
820.2500	-25.2464	59.8871	117.8677	0.0265	9.8801	212.2715
820.5000	-25.2270	59.6513	117.8721	0.0266	9.9042	211.8597
820.7500	-25.1998	59.8995	117.8781	0.0274	10.0334	206.7794
821.0000	-25.1468	59.7623	117.8863	0.0286	10.3494	200.2807
821.2500	-25.0465	59.9979	117.8952	0.0302	10.8687	193.5023
821.5000	-24.9427	59.6420	117.9039	0.0321	11.4854	186.5816
821.7500	-24.9213	59.6066	117.9124	0.0336	11.9474	181.2018
822.0000	-24.9987	60.0950	117.9203	0.0342	11.9904	177.8606
822.2500	-25.1428	59.4802	117.9281	0.0344	11.6085	173.4359
822.5000	-25.4395	59.7574	117.9364	0.0344	11.0855	164.7738
822.7500	-26.1043	59.7021	117.9454	0.0346	10.6723	151.8652
823.0000	-27.1536	59.6512	117.9548	0.0356	10.3975	137.4305
823.2500	-28.0347	59.7052	117.9639	0.0372	10.2187	125.2780
823.5000	-28.0011	59.8656	117.9727	0.0389	10.1586	117.9799
823.7500	-27.0388	59.8763	117.9816	0.0400	10.2372	115.2864
824.0000	-25.8432	59.8501	117.9914	0.0402	10.3960	115.2259
824.2500	-24.9229	59.5095	118.0024	0.0398	10.5352	116.1099
824.5000	-24.3388	59.7176	118.0142	0.0386	10.5968	116.4885
824.7500	-24.0235	59.7530	118.0255	0.0364	10.6269	114.9178
825.0000	-23.8837	59.6282	118.0352	0.0334	10.7487	111.4762
825.2500	-23.8122	59.3646	118.0435	0.0303	11.0678	108.1016
825.5000	-23.7736	59.8901	118.0500	0.0275	11.6282	106.3503
825.7500	-23.8001	59.9149	118.0543	0.0249	12.4071	105.3883
826.0000	-23.9226	59.6497	118.0582	0.0224	13.2355	103.0947
826.2500	-24.1348	59.8993	118.0631	0.0201	13.7135	98.9794
826.5000	-24.4026	59.8654	118.0692	0.0189	13.4310	94.4812
826.7500	-24.6791	59.7482	118.0752	0.0195	12.4760	90.7184
827.0000	-24.8796	59.4539	118.0801	0.0208	11.4717	87.9364
827.2500	-24.9056	59.9532	118.0837	0.0211	10.8973	86.2204
827.5000	-24.7569	60.1785	118.0877	0.0198	10.6746	85.4153
827.7500	-24.5303	59.5741	118.0933	0.0181	10.4949	85.6359
828.0000	-24.2968	59.6821	118.0998	0.0171	10.2300	88.3560
828.2500	-24.0812	59.6097	118.1052	0.0168	9.9622	95.8402
828.5000	-23.9244	59.6250	118.1087	0.0162	9.8003	108.6899
828.7500	-23.8605	59.7345	118.1114	0.0146	9.7667	124.6281
829.0000	-23.8581	59.6560	118.1143	0.0124	9.8205	139.9059

829.2500	-23.8617	59.8378	118.1174	0.0109	9.8946	151.5452
829.5000	-23.8725	59.7623	118.1202	0.0108	9.9145	159.3172
829.7500	-23.9286	59.7654	118.1225	0.0112	9.8515	165.0747
830.0000	-24.0441	59.5157	118.1246	0.0109	9.7484	169.3253
830.2500	-24.2097	59.6713	118.1271	0.0095	9.6605	170.4390
830.5000	-24.3913	59.7807	118.1303	0.0074	9.6080	168.0150
830.7500	-24.5193	59.6805	118.1338	0.0059	9.5878	164.7976
831.0000	-24.5157	59.9257	118.1362	0.0054	9.5933	164.2262
831.2500	-24.3422	59.4648	118.1364	0.0050	9.6199	166.8926
831.5000	-24.0469	59.7391	118.1350	0.0040	9.6704	170.9113
831.7500	-23.7384	60.1906	118.1344	0.0027	9.7467	175.3934
832.0000	-23.4849	59.5434	118.1353	0.0015	9.8297	180.4421
832.2500	-23.2955	59.6497	118.1370	0.0009	9.8770	184.6087
832.5000	-23.1893	59.7100	118.1384	0.0009	9.8529	186.3800
832.7500	-23.1868	59.7775	118.1392	0.0007	9.7659	186.7169
833.0000	-23.2506	59.7731	118.1393	-0.0004	9.6670	187.2269
833.2500	-23.3281	59.5187	118.1383	-0.0020	9.6001	187.7333
833.5000	-23.4364	59.6189	118.1368	-0.0035	9.5707	187.2365
833.7500	-23.6368	59.7807	118.1357	-0.0045	9.5626	185.5892
834.0000	-23.9384	60.3759	118.1346	-0.0044	9.5631	183.4176
834.2500	-24.2589	59.6882	118.1331	-0.0034	9.5676	181.4431
834.5000	-24.5136	59.7006	118.1314	-0.0020	9.5737	180.2174
834.7500	-24.7004	59.6620	118.1303	-0.0008	9.5795	179.8992
835.0000	-24.8175	59.8362	118.1305	0.0003	9.5911	180.2634
835.2500	-24.8111	59.5989	118.1315	0.0013	9.6140	180.9103
835.5000	-24.6883	60.0613	118.1327	0.0022	9.6349	181.2642
835.7500	-24.5399	60.0506	118.1341	0.0030	9.6318	180.5954
836.0000	-24.4212	59.7838	118.1351	0.0033	9.6015	178.4203
836.2500	-24.3311	59.6174	118.1356	0.0036	9.5644	175.1821
836.5000	-24.3014	59.8546	118.1358	0.0038	9.5426	172.5964
836.7500	-24.3848	59.6436	118.1362	0.0032	9.5385	172.6095
837.0000	-24.5468	59.4416	118.1372	0.0020	9.5386	175.5926
837.2500	-24.6887	60.1659	118.1388	0.0011	9.5318	179.7323
837.5000	-24.7758	59.8347	118.1402	0.0019	9.5217	182.7021
837.7500	-24.8244	59.9286	118.1404	0.0038	9.5156	184.5109
838.0000	-24.8236	59.7037	118.1391	0.0050	9.5138	186.9652
838.2500	-24.7810	59.5788	118.1379	0.0037	9.5132	190.0795
838.5000	-24.7464	59.7038	118.1395	0.0013	9.5123	192.3716
838.7500	-24.7276	59.6606	118.1439	0.0005	9.5118	193.6581
839.0000	-24.6712	59.6882	118.1472	0.0017	9.5124	194.1046
839.2500	-24.5441	59.9579	118.1463	0.0033	9.5136	193.0364
839.5000	-24.3847	60.1366	118.1429	0.0036	9.5151	190.8208
839.7500	-24.2578	59.8148	118.1414	0.0028	9.5180	189.4176
840.0000	-24.1912	59.3723	118.1425	0.0027	9.5247	189.8213
840.2500	-24.1976	59.8887	118.1445	0.0043	9.5341	191.2727
840.5000	-24.3027	59.9134	118.1466	0.0069	9.5390	193.8656
840.7500	-24.4826	60.1027	118.1495	0.0087	9.5348	198.2052
841.0000	-24.6351	59.9719	118.1526	0.0094	9.5280	203.3521
841.2500	-24.6837	59.6235	118.1550	0.0096	9.5280	208.8539
841.5000	-24.6623	59.9905	118.1568	0.0095	9.5348	215.0860
841.7500	-24.6451	59.5588	118.1588	0.0091	9.5390	220.7622
842.0000	-24.6358	59.6791	118.1613	0.0081	9.5340	224.3944
842.2500	-24.6030	59.7406	118.1637	0.0066	9.5243	225.7611
842.5000	-24.5606	59.8145	118.1657	0.0051	9.5168	224.2716
842.7500	-24.5240	60.1708	118.1676	0.0043	9.5131	219.5850
843.0000	-24.4623	59.9427	118.1687	0.0041	9.5119	213.4877
843.2500	-24.3603	60.0322	118.1682	0.0040	9.5124	207.7454

843.5000	-24.2773	59.7854	118.1670	0.0035	9.5135	202.3303
843.7500	-24.2866	59.7422	118.1674	0.0028	9.5144	198.4042
844.0000	-24.3753	60.1213	118.1696	0.0025	9.5147	198.0508
844.2500	-24.4722	59.6759	118.1717	0.0031	9.5147	199.8814
844.5000	-24.5554	59.6945	118.1727	0.0039	9.5144	200.4728
844.7500	-24.6469	59.8071	118.1732	0.0037	9.5136	199.0340
845.0000	-24.7389	59.6128	118.1738	0.0027	9.5131	196.8015
845.2500	-24.8005	59.6097	118.1744	0.0021	9.5151	194.7900
845.5000	-24.8262	59.5803	118.1748	0.0031	9.5231	194.1295
845.7500	-24.8359	59.7761	118.1749	0.0046	9.5368	195.7790
846.0000	-24.8209	59.7221	118.1750	0.0054	9.5518	198.8932
846.2500	-24.7417	60.0457	118.1760	0.0050	9.5641	200.9666
846.5000	-24.6125	59.4617	118.1788	0.0047	9.5722	200.2602
846.7500	-24.5051	59.4894	118.1825	0.0051	9.5755	197.5987
847.0000	-24.4530	59.6390	118.1845	0.0059	9.5780	195.6973
847.2500	-24.4364	59.8932	118.1844	0.0063	9.5855	196.5403
847.5000	-24.4498	59.7916	118.1842	0.0052	9.5956	199.6511
847.7500	-24.5092	60.3864	118.1850	0.0034	9.6031	203.3714
848.0000	-24.5845	59.6066	118.1868	0.0022	9.6092	207.4811
848.2500	-24.6073	59.7605	118.1885	0.0024	9.6200	213.9124
848.5000	-24.5849	59.6807	118.1893	0.0028	9.6381	223.2782
848.7500	-24.5935	59.4138	118.1892	0.0025	9.6565	230.8700
849.0000	-24.6421	59.7145	118.1889	0.0014	9.6667	229.6387
849.2500	-24.6761	59.8656	118.1892	0.0007	9.6725	218.1657
849.5000	-24.6809	59.5464	118.1898	0.0006	9.6836	202.2326
849.7500	-24.6657	59.5973	118.1900	0.0007	9.7027	188.5775
850.0000	-24.6079	59.9810	118.1896	0.0009	9.7276	179.6632
850.2500	-24.4945	59.3275	118.1898	0.0009	9.7534	173.9075
850.5000	-24.3701	59.8841	118.1904	0.0009	9.7730	169.6156
850.7500	-24.2924	59.9056	118.1906	0.0015	9.7831	167.2437
851.0000	-24.2649	59.9580	118.1906	0.0025	9.7869	167.4570
851.2500	-24.2665	59.5509	118.1910	0.0031	9.7903	169.4155
851.5000	-24.3043	59.4648	118.1917	0.0032	9.7977	172.2403
851.7500	-24.3842	59.5387	118.1929	0.0035	9.8088	175.9244
852.0000	-24.4751	59.8748	118.1945	0.0039	9.8160	180.5105
852.2500	-24.5430	59.8841	118.1960	0.0042	9.8124	185.6429
852.5000	-24.5998	59.8160	118.1969	0.0040	9.8020	189.7300
852.7500	-24.6825	60.0874	118.1976	0.0032	9.7941	190.4412
853.0000	-24.7709	59.6374	118.1985	0.0022	9.7935	186.9718
853.2500	-24.7917	59.5388	118.1994	0.0020	9.8006	180.2567
853.5000	-24.7227	59.5187	118.1997	0.0022	9.8124	172.2391
853.7500	-24.6053	59.9412	118.1993	0.0024	9.8242	165.6334
854.0000	-24.4696	59.9518	118.1990	0.0026	9.8317	162.0230
854.2500	-24.3368	59.6513	118.1999	0.0033	9.8344	160.8099
854.5000	-24.2676	59.7006	118.2013	0.0045	9.8340	160.8774
854.7500	-24.3120	59.6622	118.2024	0.0058	9.8330	161.9607
855.0000	-24.4186	59.5989	118.2037	0.0065	9.8326	164.4295
855.2500	-24.4878	59.7638	118.2059	0.0063	9.8327	168.1209
855.5000	-24.5088	59.7761	118.2086	0.0057	9.8336	171.2173
855.7500	-24.5429	60.0072	118.2109	0.0056	9.8361	171.3902
856.0000	-24.6076	59.8394	118.2120	0.0059	9.8396	168.6162
856.2500	-24.6695	59.7699	118.2125	0.0061	9.8414	165.2230
856.5000	-24.7083	59.8071	118.2128	0.0064	9.8395	163.2594
856.7500	-24.7248	59.5434	118.2136	0.0072	9.8354	162.9240
857.0000	-24.6984	59.7607	118.2154	0.0084	9.8303	162.8005
857.2500	-24.5959	59.8623	118.2180	0.0093	9.8227	161.6551
857.5000	-24.4462	59.8194	118.2214	0.0095	9.8130	159.9684

857.7500	-24.3288	59.7777	118.2254	0.0091	9.8078	158.9650
858.0000	-24.2736	59.8239	118.2289	0.0084	9.8112	159.4698
858.2500	-24.2631	60.0395	118.2310	0.0079	9.8176	161.8376
858.5000	-24.3041	59.6435	118.2318	0.0079	9.8212	165.6989
858.7500	-24.4013	59.8578	118.2319	0.0083	9.8226	169.6411
859.0000	-24.4984	59.7808	118.2323	0.0095	9.8207	171.8072
859.2500	-24.5279	59.5634	118.2338	0.0115	9.8153	171.9344
859.5000	-24.5064	60.0025	118.2372	0.0137	9.8126	171.8701
859.7500	-24.5073	59.7207	118.2420	0.0156	9.8161	172.8901
860.0000	-24.5492	59.8147	118.2478	0.0169	9.8182	174.4484
860.2500	-24.5878	59.8347	118.2539	0.0177	9.8147	175.9890
860.5000	-24.5929	59.6945	118.2592	0.0177	9.8126	177.6915
860.7500	-24.5602	59.6807	118.2631	0.0171	9.8165	179.4891
861.0000	-24.4812	59.5357	118.2661	0.0157	9.8201	180.7552
861.2500	-24.3630	59.7189	118.2692	0.0140	9.8196	181.0327
861.5000	-24.2611	59.9657	118.2726	0.0127	9.8211	180.9739
861.7500	-24.2309	60.1505	118.2762	0.0128	9.8286	181.8560
862.0000	-24.2563	59.5511	118.2793	0.0135	9.8403	183.6522
862.2500	-24.2971	59.6313	118.2819	0.0138	9.8537	184.6053
862.5000	-24.3623	59.5973	118.2847	0.0138	9.8633	183.0444
862.7500	-24.4600	60.0767	118.2887	0.0137	9.8620	179.7301
863.0000	-24.5466	59.6096	118.2930	0.0136	9.8503	177.7333
863.2500	-24.5848	60.0148	118.2967	0.0133	9.8392	178.7507
863.5000	-24.5987	59.5279	118.3001	0.0131	9.8418	181.3880
863.7500	-24.6353	59.6480	118.3036	0.0132	9.8609	183.8138
864.0000	-24.6840	59.5217	118.3064	0.0139	9.8916	185.1464
864.2500	-24.6884	59.3815	118.3084	0.0154	9.9273	184.5682
864.5000	-24.6367	59.7962	118.3109	0.0170	9.9519	182.3083
864.7500	-24.5624	59.8363	118.3150	0.0186	9.9468	180.4645
865.0000	-24.4795	59.6651	118.3209	0.0206	9.9159	180.5317
865.2500	-24.3940	59.6683	118.3275	0.0226	9.8829	181.7877
865.5000	-24.3461	59.6837	118.3341	0.0238	9.8665	183.4302
865.7500	-24.3758	59.5603	118.3409	0.0239	9.8668	185.9006
866.0000	-24.4514	59.8994	118.3476	0.0231	9.8703	189.2889
866.2500	-24.4986	59.7297	118.3536	0.0218	9.8645	192.8186
866.5000	-24.5110	59.4293	118.3585	0.0201	9.8484	195.7312
866.7500	-24.5430	59.8469	118.3629	0.0182	9.8320	196.9132
867.0000	-24.6063	59.5727	118.3671	0.0162	9.8269	194.8092
867.2500	-24.6628	59.3414	118.3711	0.0146	9.8340	189.4141
867.5000	-24.6852	59.8023	118.3744	0.0143	9.8466	183.9054
867.7500	-24.6700	60.3850	118.3772	0.0151	9.8600	182.3408
868.0000	-24.6059	60.0938	118.3799	0.0172	9.8728	184.5906
868.2500	-24.4811	59.7315	118.3829	0.0198	9.8853	185.9863
868.5000	-24.3422	59.8377	118.3870	0.0225	9.8980	183.7788
868.7500	-24.2660	59.5942	118.3931	0.0248	9.9093	179.7108
869.0000	-24.2532	59.6158	118.4014	0.0268	9.9219	175.4184
869.2500	-24.2556	59.9887	118.4108	0.0283	9.9455	170.6357
869.5000	-24.2819	59.6912	118.4194	0.0287	9.9816	165.3418
869.7500	-24.3655	59.2859	118.4268	0.0279	10.0218	160.1728
870.0000	-24.4673	59.7670	118.4335	0.0263	10.0549	156.6781
870.2500	-24.5104	59.5758	118.4395	0.0248	10.0660	157.6384
870.5000	-24.4944	59.9226	118.4445	0.0240	10.0487	164.6232
870.7500	-24.4843	59.9380	118.4489	0.0237	10.0160	175.9707
871.0000	-24.5007	59.8240	118.4539	0.0229	9.9889	187.9216
871.2500	-24.5158	59.6959	118.4603	0.0210	9.9892	196.8385
871.5000	-24.5198	59.7069	118.4674	0.0192	10.0334	201.5290
871.7500	-24.5052	59.7670	118.4743	0.0184	10.1243	204.0280

872.0000	-24.4364	59.8024	118.4792	0.0184	10.2557	206.6255
872.2500	-24.3027	59.8408	118.4815	0.0180	10.4108	209.1507
872.5000	-24.1716	59.5757	118.4828	0.0168	10.5486	210.5649
872.7500	-24.1269	59.8439	118.4857	0.0156	10.6205	210.5263
873.0000	-24.1679	59.5141	118.4908	0.0159	10.6119	208.4011
873.2500	-24.2421	59.4924	118.4964	0.0183	10.5300	203.6325
873.5000	-24.3327	59.6250	118.5010	0.0219	10.3770	197.7543
873.7500	-24.4305	59.7931	118.5054	0.0251	10.1819	193.8252
874.0000	-24.4929	59.8407	118.5110	0.0271	10.0052	193.3372
874.2500	-24.5029	59.4216	118.5182	0.0282	9.8864	194.9167
874.5000	-24.5164	59.9070	118.5267	0.0288	9.8274	196.3308
874.7500	-24.5928	59.4000	118.5359	0.0293	9.8109	196.7444
875.0000	-24.6888	60.0303	118.5451	0.0293	9.8147	196.3567
875.2500	-24.6924	59.9196	118.5527	0.0283	9.8195	195.4051
875.5000	-24.5752	59.6853	118.5587	0.0258	9.8189	194.4969
875.7500	-24.4174	59.3877	118.5641	0.0221	9.8179	194.3017
876.0000	-24.2938	59.6868	118.5696	0.0180	9.8186	194.5642
876.2500	-24.2269	59.7976	118.5747	0.0151	9.8205	195.4399
876.5000	-24.2322	59.7500	118.5783	0.0142	9.8276	198.1454
876.7500	-24.3210	59.8025	118.5801	0.0143	9.8387	201.3219
877.0000	-24.4498	59.4463	118.5811	0.0142	9.8438	201.2740
877.2500	-24.5442	59.8176	118.5830	0.0141	9.8385	197.6334
877.5000	-24.5914	59.5294	118.5872	0.0147	9.8275	193.9155
877.7500	-24.6249	59.7561	118.5927	0.0160	9.8163	193.1340
878.0000	-24.6462	59.8915	118.5981	0.0172	9.8105	195.3529
878.2500	-24.6448	59.8931	118.6030	0.0174	9.8121	198.4919
878.5000	-24.6376	59.6821	118.6077	0.0165	9.8145	200.1774
878.7500	-24.6348	59.9687	118.6122	0.0151	9.8102	199.0715
879.0000	-24.6061	59.9766	118.6154	0.0139	9.8016	195.2594
879.2500	-24.5177	59.9069	118.6178	0.0131	9.7951	190.2227
879.5000	-24.3965	59.7006	118.6201	0.0124	9.7923	186.5508
879.7500	-24.3068	59.8486	118.6228	0.0119	9.7908	186.1256
880.0000	-24.2670	59.6298	118.6260	0.0119	9.7890	188.7955
880.2500	-24.2618	59.9595	118.6292	0.0122	9.7879	193.1384
880.5000	-24.3040	59.6373	118.6326	0.0129	9.7879	197.6675
880.7500	-24.4013	59.6713	118.6360	0.0134	9.7890	202.1043
881.0000	-24.4984	59.9180	118.6392	0.0132	9.7907	206.8206
881.2500	-24.5279	59.8699	118.6422	0.0124	9.7917	210.2167
881.5000	-24.5062	59.4616	118.6458	0.0114	9.7918	209.0591
881.7500	-24.5060	59.7269	118.6496	0.0106	9.7917	202.5068
882.0000	-24.5426	59.6173	118.6524	0.0100	9.7908	193.7141
882.2500	-24.5660	59.7283	118.6540	0.0091	9.7898	187.0207
882.5000	-24.5446	59.6466	118.6554	0.0078	9.7902	184.7290
882.7500	-24.4884	59.5773	118.6573	0.0064	9.7920	185.8973
883.0000	-24.4098	59.5681	118.6591	0.0059	9.7931	187.9761
883.2500	-24.3180	59.8842	118.6604	0.0059	9.7918	189.4635
883.5000	-24.2555	59.6759	118.6614	0.0055	9.7895	189.8665
883.7500	-24.2735	59.9410	118.6625	0.0044	9.7879	189.2095
884.0000	-24.3507	59.8054	118.6642	0.0037	9.7874	188.7573
884.2500	-24.4155	59.5496	118.6658	0.0044	9.7885	189.7745
884.5000	-24.4527	60.0553	118.6664	0.0061	9.7928	192.1241
884.7500	-24.4929	59.9026	118.6661	0.0078	9.8018	194.5732
885.0000	-24.5322	59.8176	118.6665	0.0087	9.8125	194.9157
885.2500	-24.5549	60.1925	118.6692	0.0094	9.8167	191.6456
885.5000	-24.5888	59.9828	118.6735	0.0106	9.8121	186.4834
885.7500	-24.6660	60.0333	118.6780	0.0122	9.8078	183.1904
886.0000	-24.7437	59.4493	118.6816	0.0132	9.8105	184.1682

886.2500	-24.7361	59.9055	118.6846	0.0133	9.8137	188.9629
886.5000	-24.6302	59.7221	118.6876	0.0131	9.8086	195.3611
886.7500	-24.4915	59.7700	118.6904	0.0126	9.7958	200.7341
887.0000	-24.3699	59.6559	118.6929	0.0115	9.7840	202.5329
887.2500	-24.2851	59.8607	118.6958	0.0097	9.7834	200.2523
887.5000	-24.2641	59.2428	118.6997	0.0080	9.7999	196.6069
887.7500	-24.3191	59.5788	118.7033	0.0071	9.8317	194.5838
888.0000	-24.4110	60.0903	118.7046	0.0071	9.8648	194.4431
888.2500	-24.4876	60.0259	118.7040	0.0075	9.8780	195.0963
888.5000	-24.5419	59.8918	118.7036	0.0078	9.8679	196.1718
888.7500	-24.5824	59.6297	118.7046	0.0079	9.8518	197.0555
889.0000	-24.5914	59.4802	118.7071	0.0086	9.8402	196.8153
889.2500	-24.5715	59.9905	118.7109	0.0096	9.8310	195.9773
889.5000	-24.5643	60.2569	118.7152	0.0098	9.8234	195.6287
889.7500	-24.5800	59.6959	118.7191	0.0099	9.8219	195.3304
890.0000	-24.5636	60.1258	118.7219	0.0103	9.8235	193.7520
890.2500	-24.4682	59.6868	118.7231	0.0106	9.8171	190.1599
890.5000	-24.3398	59.7404	118.7233	0.0105	9.7978	184.5010
890.7500	-24.2663	59.4570	118.7244	0.0105	9.7712	177.4877
891.0000	-24.2551	59.9842	118.7277	0.0109	9.7452	171.7508
891.2500	-24.2558	59.8887	118.7321	0.0119	9.7234	170.8463
891.5000	-24.2646	59.5186	118.7362	0.0135	9.7072	175.0367
891.7500	-24.3097	59.5665	118.7400	0.0148	9.6966	180.1239
892.0000	-24.3807	59.6728	118.7436	0.0150	9.6875	182.2676
892.2500	-24.4363	59.7314	118.7470	0.0144	9.6783	181.7362
892.5000	-24.4669	60.0273	118.7503	0.0132	9.6746	180.3657
892.7500	-24.4999	60.1011	118.7540	0.0116	9.6799	178.5518
893.0000	-24.5306	59.8949	118.7577	0.0099	9.6881	176.2960
893.2500	-24.5245	60.1614	118.7608	0.0084	9.6910	174.3063
893.5000	-24.4837	59.7500	118.7625	0.0073	9.6861	173.1934
893.7500	-24.4289	59.5787	118.7632	0.0066	9.6770	172.6049
894.0000	-24.3559	59.7360	118.7634	0.0065	9.6725	171.6855
894.2500	-24.2652	60.1092	118.7637	0.0070	9.6775	170.2532
894.5000	-24.2005	59.4124	118.7648	0.0079	9.6855	168.9330
894.7500	-24.2086	59.7038	118.7672	0.0093	9.6860	168.2520
895.0000	-24.2735	59.6867	118.7707	0.0116	9.6780	168.1409
895.2500	-24.3425	60.0642	118.7748	0.0147	9.6700	168.5338
895.5000	-24.4042	59.6605	118.7784	0.0173	9.6674	169.9053
895.7500	-24.4711	60.1340	118.7818	0.0185	9.6671	172.4066
896.0000	-24.5257	59.9211	118.7866	0.0188	9.6689	175.0163
896.2500	-24.5536	59.6928	118.7930	0.0188	9.6763	177.2998
896.5000	-24.5887	59.9304	118.7993	0.0191	9.6867	180.3495
896.7500	-24.6660	59.6976	118.8042	0.0190	9.6948	183.9356
897.0000	-24.7439	59.8269	118.8083	0.0178	9.7012	185.3130
897.2500	-24.7374	59.9534	118.8124	0.0159	9.7105	183.3873
897.5000	-24.6369	59.9904	118.8166	0.0141	9.7245	181.9083
897.7500	-24.5146	59.4832	118.8198	0.0125	9.7397	184.8865
898.0000	-24.4250	59.4355	118.8222	0.0109	9.7531	191.0055
898.2500	-24.3798	59.4615	118.8248	0.0090	9.7659	196.0542
898.5000	-24.3892	59.8685	118.8275	0.0081	9.7770	198.2581
898.7500	-24.4524	59.8409	118.8293	0.0094	9.7832	198.0853
899.0000	-24.5216	59.6143	118.8300	0.0126	9.7835	195.1782
899.2500	-24.5386	59.5326	118.8305	0.0157	9.7782	189.4654
899.5000	-24.5177	59.9285	118.8327	0.0171	9.7701	183.6117
899.7500	-24.5189	59.7512	118.8385	0.0171	9.7661	179.9683
900.0000	-24.5476	59.6651	118.8475	0.0170	9.7709	177.3826
900.2500	-24.5722	59.8748	118.8562	0.0178	9.7808	174.6155

900.5000	-24.5979	59.8624	118.8616	0.0189	9.7890	173.4449
900.7500	-24.6283	59.7500	118.8634	0.0185	9.7924	175.6613
901.0000	-24.6169	59.8530	118.8639	0.0164	9.7918	179.9800
901.2500	-24.5277	59.6250	118.8661	0.0143	9.7894	183.4495
901.5000	-24.4008	59.6943	118.8705	0.0134	9.7871	185.0610
901.7500	-24.3086	59.5926	118.8755	0.0136	9.7838	186.8675
902.0000	-24.2703	59.7345	118.8804	0.0144	9.7765	190.2935
902.2500	-24.2674	59.5743	118.8849	0.0153	9.7646	193.1009
902.5000	-24.3031	60.2033	118.8884	0.0159	9.7528	192.6979
902.7500	-24.3775	59.7361	118.8905	0.0161	9.7452	190.0316
903.0000	-24.4520	60.0441	118.8927	0.0164	9.7401	187.6643
903.2500	-24.4880	60.1459	118.8967	0.0169	9.7345	186.7570
903.5000	-24.5050	60.0057	118.9022	0.0177	9.7300	187.4239
903.7500	-24.5569	59.6590	118.9078	0.0188	9.7304	189.2570
904.0000	-24.6343	59.6251	118.9132	0.0198	9.7349	190.5654
904.2500	-24.6663	59.3845	118.9187	0.0197	9.7378	189.8808
904.5000	-24.6292	59.8054	118.9238	0.0183	9.7362	187.9175
904.7500	-24.5565	59.8653	118.9280	0.0165	9.7318	185.7318
905.0000	-24.4657	59.9118	118.9322	0.0148	9.7286	182.6881
905.2500	-24.3653	59.7192	118.9361	0.0135	9.7250	178.6263
905.5000	-24.2946	59.7731	118.9389	0.0125	9.7167	175.4250
905.7500	-24.2870	59.8100	118.9407	0.0117	9.7064	173.3589
906.0000	-24.3231	59.9855	118.9428	0.0110	9.6996	169.5160
906.2500	-24.3646	59.7592	118.9458	0.0108	9.6974	162.6575
906.5000	-24.4119	59.7176	118.9489	0.0113	9.6976	155.7660
906.7500	-24.4777	59.6279	118.9515	0.0120	9.6987	152.2163
907.0000	-24.5409	59.6714	118.9542	0.0128	9.6994	152.4077
907.2500	-24.5787	59.7946	118.9577	0.0143	9.6991	154.6834
907.5000	-24.6045	59.6975	118.9614	0.0167	9.6988	158.1158
907.7500	-24.6388	59.7422	118.9646	0.0192	9.6991	162.5407
908.0000	-24.6556	60.1228	118.9683	0.0200	9.6994	166.4860
908.2500	-24.6070	59.6961	118.9743	0.0190	9.6987	168.5748
908.5000	-24.5097	59.4925	118.9823	0.0179	9.6974	169.6485
908.7500	-24.4279	59.6265	118.9899	0.0182	9.6961	171.3026
909.0000	-24.3802	59.9257	118.9942	0.0188	9.6938	173.8016
909.2500	-24.3512	59.8915	118.9957	0.0182	9.6899	175.7273
909.5000	-24.3535	59.5588	118.9972	0.0163	9.6898	175.8480
909.7500	-24.4055	59.7191	119.0010	0.0141	9.7041	174.6981
910.0000	-24.4666	60.0596	119.0060	0.0131	9.7344	172.9329
910.2500	-24.4685	59.4693	119.0108	0.0135	9.7652	170.5250
910.5000	-24.4239	59.9489	119.0149	0.0142	9.7818	168.5177
910.7500	-24.4127	59.7901	119.0181	0.0146	9.7841	168.1759
911.0000	-24.4525	59.8931	119.0205	0.0149	9.7776	169.3611
911.2500	-24.4953	59.5172	119.0226	0.0147	9.7678	171.6936
911.5000	-24.5199	59.6251	119.0257	0.0142	9.7613	174.9818
911.7500	-24.5270	59.9349	119.0302	0.0140	9.7585	178.6242
912.0000	-24.4911	59.8779	119.0357	0.0152	9.7498	181.9794
912.2500	-24.3963	59.7653	119.0403	0.0169	9.7311	184.9282
912.5000	-24.2916	59.6775	119.0432	0.0177	9.7122	187.7312
912.7500	-24.2458	59.6390	119.0461	0.0171	9.7019	189.8981
913.0000	-24.2552	60.0472	119.0508	0.0160	9.7020	190.0286
913.2500	-24.2765	59.7268	119.0565	0.0156	9.7138	187.9294
913.5000	-24.3141	59.5866	119.0611	0.0159	9.7402	186.0239
913.7500	-24.3883	59.7053	119.0644	0.0159	9.7747	187.2424
914.0000	-24.4761	59.3831	119.0677	0.0148	9.7981	191.3730
914.2500	-24.5430	59.7976	119.0714	0.0134	9.7958	194.5585
914.5000	-24.5987	59.7420	119.0749	0.0131	9.7750	193.7088

914.7500	-24.6771	59.6233	119.0780	0.0135	9.7591	189.4809
915.0000	-24.7546	59.9965	119.0805	0.0136	9.7645	183.4445
915.2500	-24.7609	59.6744	119.0833	0.0135	9.7829	176.0224
915.5000	-24.6882	59.5480	119.0873	0.0133	9.7957	167.7834
915.7500	-24.5898	59.7453	119.0914	0.0128	9.7991	160.1392
916.0000	-24.4852	59.9520	119.0950	0.0123	9.8018	154.3009
916.2500	-24.3713	59.7330	119.0984	0.0123	9.8077	150.0630
916.5000	-24.2984	59.6836	119.1016	0.0123	9.8123	146.8176
916.7500	-24.3283	59.6173	119.1036	0.0119	9.8100	145.4276
917.0000	-24.4237	59.4447	119.1051	0.0110	9.8025	147.9374
917.2500	-24.4864	59.9610	119.1079	0.0098	9.7951	155.9487
917.5000	-24.4957	59.6636	119.1118	0.0088	9.7909	169.0302
917.7500	-24.4982	59.7684	119.1152	0.0088	9.7912	183.5356
918.0000	-24.5055	59.9473	119.1170	0.0094	9.7970	194.0325
918.2500	-24.5094	59.6405	119.1179	0.0097	9.8057	197.7699
918.5000	-24.5328	60.0014	119.1193	0.0094	9.8082	197.4525
918.7500	-24.5892	59.5496	119.1213	0.0091	9.7972	197.7532
919.0000	-24.6271	59.6127	119.1239	0.0093	9.7787	199.6057
919.2500	-24.5774	59.7437	119.1272	0.0101	9.7673	200.0779
919.5000	-24.4535	59.7977	119.1305	0.0108	9.7695	197.0796
919.7500	-24.3340	59.4771	119.1333	0.0108	9.7787	191.5836
920.0000	-24.2587	59.5727	119.1356	0.0101	9.7858	185.3180
920.2500	-24.2245	59.5648	119.1382	0.0090	9.7890	178.5581
920.5000	-24.2381	59.6481	119.1409	0.0076	9.7905	171.5901
920.7500	-24.3023	59.8653	119.1429	0.0064	9.7911	166.5602
921.0000	-24.3715	59.7793	119.1442	0.0059	9.7900	164.8124
921.2500	-24.3886	59.4662	119.1451	0.0059	9.7861	164.4976
921.5000	-24.3677	59.7793	119.1457	0.0061	9.7790	164.2677
921.7500	-24.3687	59.7683	119.1462	0.0066	9.7703	165.6641
922.0000	-24.3963	60.0444	119.1474	0.0076	9.7659	169.0250
922.2500	-24.4154	59.6159	119.1500	0.0090	9.7701	171.6558
922.5000	-24.4248	59.8963	119.1532	0.0105	9.7783	171.9806
922.7500	-24.4234	59.6758	119.1562	0.0114	9.7842	171.4578
923.0000	-24.3734	59.7068	119.1594	0.0108	9.7864	170.7753
923.2500	-24.2588	59.5634	119.1631	0.0094	9.7869	167.6441
923.5000	-24.1371	59.8101	119.1668	0.0083	9.7870	160.0767
923.7500	-24.0868	59.6727	119.1689	0.0076	9.7872	148.9461
924.0000	-24.1139	59.7515	119.1691	0.0064	9.7878	136.6299
924.2500	-24.1675	59.5849	119.1689	0.0042	9.7896	125.2586
924.5000	-24.2249	59.8824	119.1697	0.0019	9.7925	116.4277
924.7500	-24.2975	59.6558	119.1714	0.0009	9.7963	111.2581
925.0000	-24.3769	59.8499	119.1721	0.0014	9.8019	109.6370
925.2500	-24.4293	59.5480	119.1714	0.0024	9.8095	110.3878
925.5000	-24.4441	59.6559	119.1705	0.0028	9.8152	113.2720
925.7500	-24.4475	60.0057	119.1707	0.0028	9.8165	119.1517
926.0000	-24.4489	60.0379	119.1719	0.0033	9.8165	127.7722
926.2500	-24.4425	59.8718	119.1737	0.0042	9.8157	136.7562
926.5000	-24.4438	59.5296	119.1754	0.0051	9.8119	143.5222
926.7500	-24.4472	59.6498	119.1770	0.0054	9.8095	148.3696
927.0000	-24.4061	59.7514	119.1787	0.0055	9.8135	153.8794
927.2500	-24.3134	59.7376	119.1799	0.0055	9.8218	160.5925
927.5000	-24.2428	59.8561	119.1807	0.0050	9.8333	165.8843
927.7500	-24.2633	59.7793	119.1814	0.0030	9.8535	167.4904
928.0000	-24.3467	59.5187	119.1829	-0.0002	9.8909	165.7881
928.2500	-24.4157	59.7760	119.1847	-0.0017	9.9511	162.7163
928.5000	-24.4580	59.9163	119.1854	0.0007	10.0297	159.6481
928.7500	-24.5090	59.8116	119.1830	0.0050	10.1018	156.3532

929.0000	-24.5615	60.0584	119.1782	0.0080	10.1277	152.3339
929.2500	-24.5812	59.5650	119.1765	0.0089	10.0900	148.8954
929.5000	-24.5739	59.6281	119.1820	0.0091	10.0208	148.5060
929.7500	-24.5708	59.5510	119.1914	0.0103	9.9645	151.6775
930.0000	-24.5627	59.8223	119.1988	0.0126	9.9347	155.7342
930.2500	-24.5195	60.2418	119.2024	0.0140	9.9211	157.9245
930.5000	-24.4622	59.8748	119.2035	0.0124	9.9146	158.4643
930.7500	-24.4229	59.8269	119.2035	0.0090	9.9120	159.3317
931.0000	-24.3754	59.5912	119.2034	0.0062	9.9117	162.1792
931.2500	-24.3048	59.6928	119.2044	0.0049	9.9112	167.2395
931.5000	-24.2720	59.9578	119.2068	0.0049	9.9103	172.2461
931.7500	-24.3336	59.6575	119.2094	0.0057	9.9133	174.2411
932.0000	-24.4522	59.3476	119.2112	0.0067	9.9196	173.5114
932.2500	-24.5432	59.7654	119.2122	0.0070	9.9222	173.2183
932.5000	-24.5849	59.7268	119.2134	0.0067	9.9175	174.8642
932.7500	-24.6027	59.8317	119.2150	0.0065	9.9094	176.2244
933.0000	-24.5952	59.2966	119.2168	0.0068	9.9065	174.3904
933.2500	-24.5596	59.4401	119.2184	0.0075	9.9153	169.6356
933.5000	-24.5196	59.4463	119.2201	0.0082	9.9316	164.5550
933.7500	-24.4767	59.5125	119.2224	0.0091	9.9445	160.3804
934.0000	-24.3970	60.2880	119.2249	0.0095	9.9495	156.0579
934.2500	-24.2708	60.1860	119.2272	0.0094	9.9500	150.0789
934.5000	-24.1548	59.6837	119.2299	0.0085	9.9527	142.3450
934.7500	-24.1192	59.5079	119.2331	0.0069	9.9618	134.8067
935.0000	-24.1559	59.4524	119.2358	0.0049	9.9725	130.0176
935.2500	-24.2088	59.9149	119.2371	0.0033	9.9781	128.7917
935.5000	-24.2662	59.8409	119.2372	0.0024	9.9814	130.3806
935.7500	-24.3373	59.6649	119.2362	0.0017	9.9864	134.0356
936.0000	-24.3825	59.5834	119.2346	0.0013	9.9909	137.8978
936.2500	-24.3581	59.4786	119.2337	0.0013	9.9928	138.7483
936.5000	-24.3075	59.7653	119.2346	0.0015	9.9937	135.5555
936.7500	-24.3174	59.8903	119.2366	0.0018	9.9949	130.6370
937.0000	-24.3845	59.5094	119.2385	0.0021	9.9971	126.8213
937.2500	-24.4273	59.9348	119.2398	0.0021	9.9988	125.3294
937.5000	-24.4098	59.5557	119.2402	0.0016	9.9985	125.6687
937.7500	-24.3591	60.2708	119.2398	0.0005	9.9986	127.3537
938.0000	-24.2935	59.9242	119.2387	-0.0005	9.9995	130.9751
938.2500	-24.2113	59.6682	119.2380	-0.0009	10.0002	136.4754
938.5000	-24.1442	59.5634	119.2377	-0.0006	10.0035	142.0576
938.7500	-24.1445	59.5140	119.2376	0.0002	10.0089	145.8893
939.0000	-24.1988	59.6836	119.2376	0.0009	10.0112	147.9129
939.2500	-24.2528	59.8192	119.2381	0.0014	10.0112	149.6138
939.5000	-24.3048	59.8965	119.2391	0.0018	10.0131	152.3211
939.7500	-24.3738	59.7944	119.2401	0.0023	10.0178	155.3417
940.0000	-24.4310	59.7315	119.2406	0.0029	10.0234	156.4607
940.2500	-24.4393	59.8487	119.2408	0.0030	10.0265	154.8222
940.5000	-24.4294	59.8269	119.2413	0.0025	10.0262	151.7680
940.7500	-24.4663	59.9041	119.2423	0.0020	10.0262	148.5802
941.0000	-24.5235	59.7869	119.2433	0.0021	10.0284	145.4167
941.2500	-24.5036	59.5450	119.2440	0.0028	10.0303	142.3541
941.5000	-24.3983	59.5927	119.2441	0.0038	10.0352	139.4013
941.7500	-24.2867	59.8239	119.2441	0.0041	10.0499	136.8005
942.0000	-24.2010	59.5927	119.2447	0.0035	10.0726	135.9919
942.2500	-24.1356	59.9952	119.2465	0.0028	10.0941	137.8374
942.5000	-24.1386	59.3969	119.2489	0.0025	10.1117	140.5889
942.7500	-24.2651	59.6389	119.2504	0.0027	10.1290	141.9534
943.0000	-24.4567	59.7406	119.2504	0.0030	10.1468	142.3804

943.2500	-24.5875	60.0919	119.2495	0.0027	10.1618	144.2391
943.5000	-24.6252	59.9658	119.2491	0.0024	10.1706	148.0545
943.7500	-24.6210	59.5048	119.2495	0.0030	10.1743	151.8110
944.0000	-24.5921	59.8950	119.2506	0.0042	10.1767	153.6350
944.2500	-24.5346	59.5680	119.2518	0.0052	10.1763	153.4187
944.5000	-24.4783	59.7730	119.2537	0.0053	10.1688	152.8711
944.7500	-24.4498	59.9793	119.2564	0.0050	10.1570	154.0007
945.0000	-24.4265	59.8548	119.2589	0.0046	10.1478	156.2866
945.2500	-24.3754	59.3430	119.2599	0.0045	10.1437	156.9884
945.5000	-24.3202	59.6296	119.2597	0.0043	10.1428	154.3885
945.7500	-24.2985	60.4143	119.2595	0.0039	10.1430	148.8134
946.0000	-24.2913	59.9672	119.2598	0.0039	10.1445	141.9618
946.2500	-24.2825	59.5758	119.2607	0.0051	10.1470	136.0249
946.5000	-24.3123	59.7038	119.2622	0.0075	10.1494	131.8276
946.7500	-24.4032	59.8900	119.2642	0.0102	10.1522	128.6015
947.0000	-24.4982	59.4492	119.2667	0.0124	10.1574	125.8846
947.2500	-24.5241	59.7560	119.2702	0.0131	10.1645	123.6596
947.5000	-24.4864	59.8270	119.2747	0.0118	10.1681	121.1868
947.7500	-24.4396	59.9610	119.2800	0.0092	10.1645	118.0245
948.0000	-24.3935	59.2366	119.2846	0.0068	10.1574	114.9269
948.2500	-24.3405	59.6081	119.2869	0.0049	10.1524	112.8463
948.5000	-24.3176	59.8656	119.2857	0.0028	10.1505	112.3769
948.7500	-24.3451	59.9225	119.2826	-0.0002	10.1498	113.0342
949.0000	-24.3610	59.5079	119.2803	-0.0034	10.1488	113.2185
949.2500	-24.2980	59.9074	119.2799	-0.0053	10.1463	112.1768
949.5000	-24.1965	59.9718	119.2803	-0.0052	10.1427	110.6609
949.7500	-24.1612	59.7129	119.2795	-0.0037	10.1409	109.3995
950.0000	-24.2149	59.6389	119.2778	-0.0022	10.1427	108.5421
950.2500	-24.2942	59.8069	119.2763	-0.0018	10.1463	108.2843
950.5000	-24.3604	60.0103	119.2753	-0.0023	10.1488	108.7962
950.7500	-24.4165	60.1354	119.2752	-0.0026	10.1497	109.9673
951.0000	-24.4498	60.1212	119.2759	-0.0022	10.1499	111.5485
951.2500	-24.4347	59.7823	119.2764	-0.0015	10.1501	112.5466
951.5000	-24.3885	60.4281	119.2758	-0.0008	10.1510	111.3439
951.7500	-24.3579	59.4971	119.2744	-0.0007	10.1555	107.9807
952.0000	-24.3403	59.5234	119.2734	-0.0013	10.1713	104.6946
952.2500	-24.3041	59.5788	119.2733	-0.0016	10.2075	103.3687
952.5000	-24.2620	59.7405	119.2738	-0.0008	10.2622	104.1441
952.7500	-24.2309	59.8763	119.2738	0.0007	10.3180	105.8978
953.0000	-24.1867	59.6143	119.2733	0.0018	10.3602	107.5121
953.2500	-24.1221	59.5171	119.2731	0.0017	10.3820	109.1116
953.5000	-24.0952	59.7900	119.2742	0.0006	10.3683	111.1431
953.7500	-24.1672	59.8208	119.2758	-0.0008	10.3145	113.5991
954.0000	-24.3066	59.6282	119.2770	-0.0021	10.2514	116.6898
954.2500	-24.4229	59.4879	119.2768	-0.0032	10.2102	120.4400
954.5000	-24.4831	59.5125	119.2749	-0.0039	10.1910	124.4101
954.7500	-24.5100	59.6960	119.2722	-0.0042	10.1799	128.4501
955.0000	-24.5009	59.6389	119.2691	-0.0043	10.1711	132.8231
955.2500	-24.4433	59.7499	119.2668	-0.0043	10.1680	137.6078
955.5000	-24.3762	59.5649	119.2663	-0.0044	10.1719	141.7687
955.7500	-24.3545	59.7130	119.2674	-0.0044	10.1753	143.3953
956.0000	-24.3593	59.8209	119.2685	-0.0042	10.1726	142.1988
956.2500	-24.3274	59.6882	119.2681	-0.0037	10.1699	140.1862
956.5000	-24.2642	59.7377	119.2662	-0.0032	10.1732	138.8473
956.7500	-24.2242	59.5974	119.2634	-0.0029	10.1779	137.7851
957.0000	-24.2151	59.5203	119.2607	-0.0031	10.1788	135.8680
957.2500	-24.2243	59.8594	119.2594	-0.0033	10.1789	133.2221

957.5000	-24.2808	59.6975	119.2600	-0.0032	10.1807	131.7210
957.7500	-24.4086	59.9673	119.2616	-0.0028	10.1835	132.5296
958.0000	-24.5534	59.5495	119.2623	-0.0025	10.1869	134.7970
958.2500	-24.6311	59.6375	119.2615	-0.0031	10.1888	137.0468
958.5000	-24.6380	59.5664	119.2598	-0.0045	10.1861	138.2805
958.7500	-24.6213	59.9441	119.2579	-0.0062	10.1790	138.4383
959.0000	-24.5816	60.0706	119.2557	-0.0074	10.1699	138.1990
959.2500	-24.5016	59.6667	119.2532	-0.0078	10.1574	137.7058
959.5000	-24.4125	59.6142	119.2509	-0.0080	10.1418	136.1683
959.7500	-24.3589	59.6790	119.2491	-0.0082	10.1267	133.0683
960.0000	-24.3194	59.7298	119.2476	-0.0081	10.1100	128.5657
960.2500	-24.2299	59.8949	119.2459	-0.0076	10.0899	123.0425
960.5000	-24.1165	59.9255	119.2437	-0.0074	10.0724	117.5289
960.7500	-24.0879	59.3368	119.2415	-0.0078	10.0624	113.3283
961.0000	-24.1699	59.8931	119.2395	-0.0081	10.0591	110.7789
961.2500	-24.2897	59.8008	119.2379	-0.0076	10.0638	109.2403
961.5000	-24.4085	59.6188	119.2360	-0.0066	10.0812	108.0433
961.7500	-24.5274	59.9856	119.2336	-0.0058	10.1108	107.1980
962.0000	-24.6012	59.6606	119.2315	-0.0060	10.1434	106.7558
962.2500	-24.5704	59.5110	119.2306	-0.0065	10.1711	106.0041
962.5000	-24.4695	59.7774	119.2306	-0.0058	10.1881	104.1069
962.7500	-24.3893	59.9565	119.2298	-0.0038	10.1897	100.4475
963.0000	-24.3429	60.0457	119.2275	-0.0025	10.1803	94.5773
963.2500	-24.2864	59.7236	119.2250	-0.0028	10.1668	87.6962
963.5000	-24.2260	59.6390	119.2245	-0.0036	10.1478	82.4725
963.7500	-24.1987	59.5201	119.2260	-0.0030	10.1250	79.9690
964.0000	-24.2027	59.8529	119.2266	-0.0011	10.1095	79.2676
964.2500	-24.2117	59.8672	119.2250	0.0005	10.1015	80.0859
964.5000	-24.2377	59.5388	119.2233	0.0007	10.0878	82.5218
964.7500	-24.3182	59.3568	119.2238	0.0004	10.0667	85.4930
965.0000	-24.4287	59.6899	119.2253	0.0007	10.0490	88.2864
965.2500	-24.5027	59.7144	119.2260	0.0024	10.0419	91.3220
965.5000	-24.5307	59.5295	119.2260	0.0045	10.0470	94.2127
965.7500	-24.5376	59.9242	119.2267	0.0056	10.0614	95.8544
966.0000	-24.5144	59.7283	119.2281	0.0057	10.0796	96.2659
966.2500	-24.4480	59.5942	119.2298	0.0059	10.0980	96.4539
966.5000	-24.3783	59.8391	119.2324	0.0062	10.1167	97.0593
966.7500	-24.3601	59.9257	119.2350	0.0059	10.1305	97.9767
967.0000	-24.3758	59.6142	119.2367	0.0053	10.1213	98.6428
967.2500	-24.3593	59.6051	119.2378	0.0052	10.0834	98.3335
967.5000	-24.3040	59.9732	119.2384	0.0054	10.0378	96.8823
967.7500	-24.2560	59.8930	119.2384	0.0059	10.0033	95.1409
968.0000	-24.2302	59.9196	119.2387	0.0069	9.9834	93.9440
968.2500	-24.2232	59.5526	119.2402	0.0082	9.9733	92.9815
968.5000	-24.2602	59.4756	119.2431	0.0098	9.9612	91.7595
968.7500	-24.3604	59.9102	119.2468	0.0120	9.9428	91.1416
969.0000	-24.4814	59.7913	119.2505	0.0141	9.9278	92.4057
969.2500	-24.5580	59.8038	119.2541	0.0152	9.9227	95.0165
969.5000	-24.5834	59.9134	119.2579	0.0154	9.9225	96.7804
969.7500	-24.5799	60.0611	119.2623	0.0158	9.9194	96.0580
970.0000	-24.5375	59.5434	119.2669	0.0168	9.9088	93.1319
970.2500	-24.4615	59.7713	119.2706	0.0181	9.8924	89.5436
970.5000	-24.4063	60.1119	119.2739	0.0193	9.8755	86.6076
970.7500	-24.4014	59.8718	119.2784	0.0199	9.8629	84.9451
971.0000	-24.4049	59.6744	119.2841	0.0208	9.8605	84.5387
971.2500	-24.3702	59.8160	119.2903	0.0225	9.8673	84.5223
971.5000	-24.3256	59.7759	119.2965	0.0245	9.8695	84.0850

971.7500	-24.3214	59.5941	119.3022	0.0256	9.8589	83.6777
972.0000	-24.3463	60.0580	119.3084	0.0259	9.8425	83.9967
972.2500	-24.3771	59.7207	119.3155	0.0263	9.8296	84.8033
972.5000	-24.4366	59.5496	119.3228	0.0275	9.8233	86.7071
972.7500	-24.5330	59.6683	119.3295	0.0291	9.8204	92.1459
973.0000	-24.5996	59.6682	119.3358	0.0299	9.8185	102.0711
973.2500	-24.5584	59.9101	119.3429	0.0298	9.8198	113.9951
973.5000	-24.4303	60.0010	119.3514	0.0300	9.8245	124.7243
973.7500	-24.3052	59.9008	119.3604	0.0317	9.8271	132.8463
974.0000	-24.2237	59.8438	119.3682	0.0346	9.8245	138.3503
974.2500	-24.1842	59.6975	119.3752	0.0373	9.8203	141.6632
974.5000	-24.2066	59.6774	119.3828	0.0384	9.8211	143.3930
974.7500	-24.2850	59.6774	119.3929	0.0385	9.8292	144.1364
975.0000	-24.3392	59.4016	119.4051	0.0387	9.8438	143.7636
975.2500	-24.3032	59.5788	119.4174	0.0400	9.8648	141.7879
975.5000	-24.2347	59.6928	119.4283	0.0419	9.8861	139.5237
975.7500	-24.2480	59.7005	119.4373	0.0427	9.8925	139.2999
976.0000	-24.3497	59.5124	119.4456	0.0418	9.8754	140.6064
976.2500	-24.4527	59.9227	119.4551	0.0406	9.8473	141.1376
976.5000	-24.5175	59.9208	119.4665	0.0409	9.8274	141.3286
976.7500	-24.5573	59.4339	119.4783	0.0431	9.8178	143.5081
977.0000	-24.5557	59.6976	119.4888	0.0454	9.8108	147.6081
977.2500	-24.4802	60.2048	119.4986	0.0456	9.8071	151.1425
977.5000	-24.3653	59.8548	119.5100	0.0436	9.8103	152.5805
977.7500	-24.2887	60.3217	119.5234	0.0415	9.8153	152.6422
978.0000	-24.2572	59.4555	119.5363	0.0404	9.8172	152.9170
978.2500	-24.2362	59.8162	119.5463	0.0405	9.8188	154.1603
978.5000	-24.2456	60.0225	119.5538	0.0406	9.8199	156.0201
978.7500	-24.2993	59.8685	119.5612	0.0401	9.8164	157.4311
979.0000	-24.3466	59.9597	119.5697	0.0397	9.8120	157.0790
979.2500	-24.3534	60.0136	119.5795	0.0404	9.8136	154.9219
979.5000	-24.3669	59.7376	119.5912	0.0421	9.8184	152.9582
979.7500	-24.4468	59.9348	119.6037	0.0440	9.8216	152.9670
980.0000	-24.5589	59.7653	119.6158	0.0450	9.8239	153.8928
980.2500	-24.6113	59.6035	119.6270	0.0446	9.8257	153.2890
980.5000	-24.5865	59.2859	119.6380	0.0427	9.8278	150.9347
980.7500	-24.5333	59.5480	119.6492	0.0398	9.8347	148.7167
981.0000	-24.4606	59.5495	119.6597	0.0368	9.8452	147.6501
981.2500	-24.3577	60.0643	119.6688	0.0341	9.8518	147.5945
981.5000	-24.2729	59.9304	119.6765	0.0316	9.8534	149.1287
981.7500	-24.2676	59.8302	119.6834	0.0294	9.8534	152.8574
982.0000	-24.3123	59.5804	119.6895	0.0277	9.8521	157.2965
982.2500	-24.3275	59.8331	119.6952	0.0270	9.8503	160.1875
982.5000	-24.3127	59.8285	119.7012	0.0276	9.8495	161.4926
982.7500	-24.3187	59.6034	119.7079	0.0293	9.8481	162.5101
983.0000	-24.3447	59.5773	119.7151	0.0313	9.8476	162.7956
983.2500	-24.3707	59.5850	119.7228	0.0328	9.8514	160.9587
983.5000	-24.4162	59.7669	119.7317	0.0335	9.8571	157.6546
983.7500	-24.4923	59.9565	119.7420	0.0341	9.8568	155.2493
984.0000	-24.5551	59.8949	119.7521	0.0351	9.8500	154.8788
984.2500	-24.5526	59.5928	119.7608	0.0362	9.8438	155.0979
984.5000	-24.4921	59.5681	119.7683	0.0365	9.8431	153.5919
984.7500	-24.4158	59.6683	119.7761	0.0357	9.8460	150.0781
985.0000	-24.3404	59.6404	119.7853	0.0349	9.8474	146.3440
985.2500	-24.2764	59.9828	119.7952	0.0350	9.8477	143.5391
985.5000	-24.2570	59.8564	119.8047	0.0357	9.8495	141.1284
985.7500	-24.2892	59.4755	119.8134	0.0356	9.8508	138.6572

986.0000	-24.3065	59.4678	119.8219	0.0341	9.8513	137.0130
986.2500	-24.2396	59.8333	119.8308	0.0321	9.8538	137.3778
986.5000	-24.1423	59.7638	119.8398	0.0309	9.8571	139.5815
986.7500	-24.1432	59.7222	119.8474	0.0304	9.8587	141.9920
987.0000	-24.2610	59.4694	119.8534	0.0297	9.8567	143.5502
987.2500	-24.3966	59.5788	119.8593	0.0284	9.8471	145.4066
987.5000	-24.4837	59.7731	119.8664	0.0268	9.8341	149.3381
987.7500	-24.5175	59.7669	119.8742	0.0257	9.8269	154.4866
988.0000	-24.4882	60.0780	119.8813	0.0250	9.8241	157.3629
988.2500	-24.3894	59.6791	119.8876	0.0237	9.8208	155.8776
988.5000	-24.2681	59.9901	119.8934	0.0213	9.8211	151.6986
988.7500	-24.1882	59.7376	119.8989	0.0188	9.8261	147.9928
989.0000	-24.1471	59.7221	119.9034	0.0174	9.8283	145.7363
989.2500	-24.1056	59.5418	119.9068	0.0175	9.8228	143.9972
989.5000	-24.0716	59.5619	119.9091	0.0185	9.8135	143.4721
989.7500	-24.0828	60.0210	119.9117	0.0198	9.8082	145.9817
990.0000	-24.1384	59.8222	119.9161	0.0209	9.8106	150.6645
990.2500	-24.1951	59.7191	119.9226	0.0223	9.8155	154.2338
990.5000	-24.2400	59.7531	119.9305	0.0239	9.8189	155.1042
990.7500	-24.3061	59.4800	119.9384	0.0248	9.8216	154.4085
991.0000	-24.3841	59.6744	119.9453	0.0241	9.8218	152.7313
991.2500	-24.4294	59.7468	119.9514	0.0223	9.8177	149.3619
991.5000	-24.4469	59.8209	119.9570	0.0203	9.8148	144.5502
991.7500	-24.4500	59.7807	119.9613	0.0191	9.8186	139.8199
992.0000	-24.4068	59.8068	119.9644	0.0191	9.8265	135.9916
992.2500	-24.3132	59.6914	119.9672	0.0193	9.8374	132.0031
992.5000	-24.2403	59.8501	119.9711	0.0194	9.8558	126.7805
992.7500	-24.2512	60.0857	119.9767	0.0195	9.8784	121.3097
993.0000	-24.3071	59.6974	119.9834	0.0203	9.8938	117.2341
993.2500	-24.3275	59.6927	119.9901	0.0211	9.9000	115.1517
993.5000	-24.3178	59.7838	119.9957	0.0215	9.9050	114.7862
993.7500	-24.3341	59.8794	120.0004	0.0213	9.9120	114.4394
994.0000	-24.3725	59.7268	120.0049	0.0210	9.9161	112.1850
994.2500	-24.4006	59.7130	120.0095	0.0212	9.9153	109.1334
994.5000	-24.4369	59.5866	120.0142	0.0219	9.9153	108.3714
994.7500	-24.5118	59.6420	120.0193	0.0222	9.9176	110.9772
995.0000	-24.5840	59.9086	120.0255	0.0215	9.9173	115.0677
995.2500	-24.5772	59.8116	120.0326	0.0207	9.9140	117.8541
995.5000	-24.4952	59.9890	120.0394	0.0203	9.9145	118.2526
995.7500	-24.4035	59.7559	120.0447	0.0198	9.9177	117.4131
996.0000	-24.3263	59.7498	120.0479	0.0188	9.9154	116.6227
996.2500	-24.2628	59.8532	120.0508	0.0174	9.9090	115.6760
996.5000	-24.2489	59.7422	120.0547	0.0162	9.9069	114.0620
996.7500	-24.3139	59.6205	120.0590	0.0155	9.9100	112.5489
997.0000	-24.4050	59.7192	120.0630	0.0155	9.9141	112.0884
997.2500	-24.4356	59.5063	120.0673	0.0154	9.9168	112.6357
997.5000	-24.4084	60.0105	120.0718	0.0145	9.9176	113.7719
997.7500	-24.3955	59.8193	120.0757	0.0132	9.9180	114.9890
998.0000	-24.4213	59.8748	120.0789	0.0123	9.9179	115.3933
998.2500	-24.4653	59.8006	120.0815	0.0120	9.9150	114.7939
998.5000	-24.5186	59.7361	120.0836	0.0124	9.9127	114.3494
998.7500	-24.5665	59.5665	120.0854	0.0136	9.9145	114.7140
999.0000	-24.5597	59.9826	120.0876	0.0154	9.9156	115.2917
999.2500	-24.4611	59.6942	120.0912	0.0173	9.9124	115.3392
999.5000	-24.3168	59.7192	120.0966	0.0196	9.9114	114.7920
999.7500	-24.2130	59.6404	120.1030	0.0218	9.9190	114.6048
1000.0000	-24.1703	59.6914	120.1096	0.0235	9.9297	115.8985

1000.2500	-24.1677	60.0059	120.1162	0.0249	9.9317	118.8063
1000.5000	-24.2217	59.6344	120.1228	0.0259	9.9236	122.6268
1000.7500	-24.3322	59.5279	120.1289	0.0263	9.9168	126.8611
1001.0000	-24.4119	60.0260	120.1346	0.0260	9.9190	131.3829
1001.2500	-24.3792	59.9981	120.1410	0.0253	9.9269	135.6042
1001.5000	-24.2929	60.1150	120.1483	0.0247	9.9444	139.4766
1001.7500	-24.2799	59.7561	120.1556	0.0247	9.9943	144.6618
1002.0000	-24.3473	59.8702	120.1617	0.0253	10.0880	151.7111
1002.2500	-24.4105	59.4678	120.1669	0.0254	10.1796	157.8640
1002.5000	-24.4447	59.5032	120.1722	0.0249	10.1872	159.9986
1002.7500	-24.4584	59.7345	120.1784	0.0246	10.0897	158.0430
1003.0000	-24.4153	59.7714	120.1852	0.0249	9.9577	154.5590
1003.2500	-24.2962	60.0888	120.1919	0.0251	9.8624	151.7807
1003.5000	-24.1699	59.5418	120.1982	0.0250	9.8163	149.2926
1003.7500	-24.1241	59.7253	120.2048	0.0247	9.8000	145.0538
1004.0000	-24.1548	59.8301	120.2114	0.0245	9.7955	139.0254
1004.2500	-24.1985	59.7037	120.2172	0.0250	9.7946	133.6626
1004.5000	-24.2360	59.5542	120.2222	0.0260	9.7947	130.3953
1004.7500	-24.2865	59.5264	120.2277	0.0274	9.7947	127.9335
1005.0000	-24.3466	59.6328	120.2343	0.0290	9.7952	124.4040
1005.2500	-24.3930	59.9365	120.2419	0.0310	9.7964	119.9888
1005.5000	-24.4280	59.9347	120.2503	0.0332	9.7969	116.4918
1005.7500	-24.4777	60.0103	120.2596	0.0344	9.7962	115.2438
1006.0000	-24.5261	59.6189	120.2695	0.0340	9.7959	116.8218
1006.2500	-24.5162	60.1169	120.2793	0.0324	9.7996	120.9953
1006.5000	-24.4361	60.0919	120.2886	0.0303	9.8072	125.9705
1006.7500	-24.3297	60.1660	120.2965	0.0281	9.8113	129.7549
1007.0000	-24.2248	60.1212	120.3023	0.0255	9.8065	132.7537
1007.2500	-24.1319	59.6344	120.3066	0.0219	9.7978	136.2500
1007.5000	-24.0957	60.2402	120.3109	0.0173	9.7928	138.7035
1007.7500	-24.1607	59.8794	120.3158	0.0128	9.7926	137.4229
1008.0000	-24.2838	59.8409	120.3204	0.0097	9.7934	132.9291
1008.2500	-24.3704	59.4308	120.3230	0.0081	9.7922	128.9367
1008.5000	-24.4016	59.5418	120.3232	0.0072	9.7888	128.6878
1008.7500	-24.4295	59.5788	120.3221	0.0067	9.7863	132.2922
1009.0000	-24.4690	59.7221	120.3217	0.0067	9.7875	137.5000
1009.2500	-24.4909	59.9011	120.3227	0.0083	9.7889	142.3054
1009.5000	-24.5008	59.6868	120.3252	0.0123	9.7840	145.9259
1009.7500	-24.5341	59.6929	120.3291	0.0174	9.7780	148.0525
1010.0000	-24.5620	59.5711	120.3338	0.0213	9.7790	148.9373
1010.2500	-24.5156	59.8671	120.3397	0.0227	9.7846	149.7929
1010.5000	-24.4157	59.6990	120.3478	0.0227	9.7892	151.0133
1010.7500	-24.3397	59.8209	120.3570	0.0225	9.7921	151.2497
1011.0000	-24.2935	59.4724	120.3642	0.0223	9.7933	149.9060
1011.2500	-24.2519	59.7207	120.3681	0.0218	9.7928	148.8655
1011.5000	-24.2460	60.1196	120.3707	0.0203	9.7928	150.4229
1011.7500	-24.3120	59.6790	120.3740	0.0184	9.7952	154.1498
1012.0000	-24.4082	60.0719	120.3784	0.0174	9.7982	157.1022
1012.2500	-24.4690	59.8561	120.3833	0.0183	9.7987	157.1716
1012.5000	-24.5134	59.6173	120.3884	0.0202	9.7969	155.5356
1012.7500	-24.5778	59.8654	120.3937	0.0224	9.7953	155.3096
1013.0000	-24.6137	59.8702	120.3991	0.0244	9.7934	157.7173
1013.2500	-24.5819	59.7976	120.4048	0.0256	9.7878	161.2116
1013.5000	-24.5278	59.8579	120.4112	0.0256	9.7787	163.8784
1013.7500	-24.4912	59.5187	120.4188	0.0246	9.7735	164.6650
1014.0000	-24.4381	59.7345	120.4271	0.0238	9.7772	163.1730
1014.2500	-24.3264	59.6790	120.4345	0.0238	9.7855	159.4576

1014.5000	-24.1978	59.7931	120.4396	0.0242	9.7924	154.0590
1014.7500	-24.1399	59.7284	120.4430	0.0241	9.7976	147.6300
1015.0000	-24.1623	59.3183	120.4466	0.0237	9.8028	140.9727
1015.2500	-24.2102	59.9177	120.4523	0.0233	9.8087	136.0790
1015.5000	-24.2676	59.8732	120.4595	0.0232	9.8133	134.6138
1015.7500	-24.3440	59.7793	120.4671	0.0236	9.8162	134.8330
1016.0000	-24.4053	59.5234	120.4746	0.0242	9.8182	133.4269
1016.2500	-24.4105	59.3630	120.4812	0.0245	9.8175	129.3983
1016.5000	-24.3892	59.7684	120.4861	0.0242	9.8104	123.5716
1016.7500	-24.3994	59.7422	120.4901	0.0233	9.7974	117.1643
1017.0000	-24.4244	60.1844	120.4950	0.0220	9.7864	112.1091
1017.2500	-24.4094	59.4539	120.5013	0.0204	9.7819	110.2166
1017.5000	-24.3622	59.3769	120.5079	0.0193	9.7811	111.5906
1017.7500	-24.3239	59.5280	120.5138	0.0186	9.7825	114.8247
1018.0000	-24.2947	59.8902	120.5185	0.0182	9.7854	118.0359
1018.2500	-24.2520	59.7761	120.5220	0.0181	9.7854	119.2185
1018.5000	-24.2082	59.6189	120.5246	0.0189	9.7827	117.3036
1018.7500	-24.1943	59.8996	120.5273	0.0205	9.7811	113.7304
1019.0000	-24.1986	59.5570	120.5314	0.0220	9.7785	111.8714
1019.2500	-24.2017	59.7992	120.5374	0.0229	9.7736	114.7545
1019.5000	-24.2341	59.7962	120.5456	0.0237	9.7711	122.9263
1019.7500	-24.3103	59.9393	120.5548	0.0249	9.7736	133.9492
1020.0000	-24.3774	59.4262	120.5625	0.0262	9.7785	144.7332
1020.2500	-24.3928	59.6097	120.5677	0.0267	9.7811	153.7045
1020.5000	-24.3962	59.7730	120.5720	0.0258	9.7827	160.0332
1020.7500	-24.4497	60.2541	120.5772	0.0235	9.7853	163.0145
1021.0000	-24.5179	60.0906	120.5838	0.0212	9.7854	162.9793
1021.2500	-24.5015	59.6991	120.5909	0.0201	9.7825	161.0128
1021.5000	-24.3940	59.6466	120.5972	0.0200	9.7809	157.9991
1021.7500	-24.2767	60.1535	120.6017	0.0202	9.7808	154.2583
1022.0000	-24.1896	59.9473	120.6050	0.0199	9.7823	149.6308
1022.2500	-24.1374	59.6405	120.6080	0.0185	9.7872	144.0332
1022.5000	-24.1556	59.5234	120.6121	0.0167	9.7904	137.3892
1022.7500	-24.2668	60.0827	120.6176	0.0159	9.7871	129.8120
1023.0000	-24.4116	59.7221	120.6236	0.0167	9.7821	122.5416
1023.2500	-24.5057	59.8008	120.6279	0.0186	9.7797	116.7125
1023.5000	-24.5499	59.8068	120.6306	0.0203	9.7777	112.2283
1023.7500	-24.5903	59.4262	120.6336	0.0208	9.7762	108.6883
1024.0000	-24.6176	59.7469	120.6384	0.0204	9.7776	105.5742
1024.2500	-24.5998	60.0645	120.6451	0.0207	9.7790	101.9202
1024.5000	-24.5488	59.6882	120.6527	0.0220	9.7791	96.8445
1024.7500	-24.4980	59.5433	120.6593	0.0236	9.7790	91.0474
1025.0000	-24.4483	60.1907	120.6644	0.0247	9.7776	87.1251
1025.2500	-24.3819	59.7730	120.6692	0.0248	9.7761	86.3588
1025.5000	-24.3213	59.7807	120.6746	0.0241	9.7769	86.8783
1025.7500	-24.2977	60.0844	120.6808	0.0233	9.7774	86.3123
1026.0000	-24.2872	59.6452	120.6877	0.0230	9.7782	84.0903
1026.2500	-24.2728	59.5635	120.6947	0.0229	9.7838	81.2391
1026.5000	-24.3035	59.8224	120.7010	0.0228	9.7902	79.1350
1026.7500	-24.4182	60.1381	120.7060	0.0224	9.7894	78.3077
1027.0000	-24.5601	59.8933	120.7103	0.0213	9.7841	78.4252
1027.2500	-24.6291	59.6235	120.7150	0.0197	9.7812	79.2108
1027.5000	-24.6079	59.3630	120.7203	0.0179	9.7802	81.2108
1027.7500	-24.5549	59.6745	120.7256	0.0169	9.7794	85.1172
1028.0000	-24.5007	59.7654	120.7304	0.0178	9.7794	89.9103
1028.2500	-24.4451	59.9827	120.7342	0.0195	9.7778	93.6197
1028.5000	-24.4050	59.6820	120.7367	0.0202	9.7743	96.3564

1028.7500	-24.3799	59.9118	120.7398	0.0195	9.7724	99.9832
1029.0000	-24.3223	59.3229	120.7458	0.0187	9.7729	105.4672
1029.2500	-24.2049	59.7268	120.7540	0.0191	9.7717	112.5488
1029.5000	-24.0930	59.7468	120.7608	0.0207	9.7613	120.2763
1029.7500	-24.0803	59.9223	120.7647	0.0218	9.7415	127.1235
1030.0000	-24.1584	59.4216	120.7679	0.0211	9.7225	131.4557
1030.2500	-24.2541	59.9197	120.7724	0.0194	9.7113	132.4411
1030.5000	-24.3520	59.8903	120.7781	0.0186	9.7048	130.7889
1030.7500	-24.4605	60.0151	120.7834	0.0193	9.6966	128.0084
1031.0000	-24.5326	59.8177	120.7881	0.0205	9.6859	125.1999
1031.2500	-24.5153	59.8085	120.7928	0.0212	9.6802	123.0179
1031.5000	-24.4344	59.7622	120.7980	0.0215	9.6838	122.3913
1031.7500	-24.3589	59.6390	120.8033	0.0223	9.6883	124.0604
1032.0000	-24.2988	59.6158	120.8089	0.0238	9.6853	127.1302
1032.2500	-24.2349	59.8008	120.8148	0.0253	9.6791	129.6718
1032.5000	-24.1971	60.0148	120.8211	0.0259	9.6761	130.8099
1032.7500	-24.2057	59.7068	120.8281	0.0251	9.6745	131.1439
1033.0000	-24.2199	59.6683	120.8358	0.0240	9.6733	131.2930
1033.2500	-24.2102	59.8732	120.8435	0.0235	9.6748	130.6494
1033.5000	-24.2185	59.7484	120.8497	0.0240	9.6792	127.7730
1033.7500	-24.2995	59.9703	120.8536	0.0246	9.6924	121.8425
1034.0000	-24.4223	59.6267	120.8568	0.0246	9.7218	113.3964
1034.2500	-24.5075	59.5896	120.8618	0.0247	9.7572	103.4285
1034.5000	-24.5466	60.1705	120.8691	0.0259	9.7783	92.8348
1034.7500	-24.5730	59.9611	120.8773	0.0278	9.7783	82.8687
1035.0000	-24.5630	59.8178	120.8850	0.0295	9.7671	74.7689
1035.2500	-24.4876	59.7684	120.8930	0.0299	9.7557	69.1350
1035.5000	-24.3970	59.3399	120.9014	0.0292	9.7490	66.0862
1035.7500	-24.3610	59.6667	120.9092	0.0280	9.7491	65.2339
1036.0000	-24.3608	60.2415	120.9158	0.0267	9.7536	65.6069
1036.2500	-24.3288	59.8977	120.9217	0.0248	9.7573	66.5973
1036.5000	-24.2707	59.4987	120.9275	0.0222	9.7586	68.8233
1036.7500	-24.2459	59.8654	120.9333	0.0192	9.7593	73.5521
1037.0000	-24.2622	60.1677	120.9384	0.0165	9.7617	81.4194
1037.2500	-24.2896	59.7314	120.9427	0.0147	9.7668	91.4453
1037.5000	-24.3310	59.5573	120.9458	0.0135	9.7723	100.6917
1037.7500	-24.4099	59.5094	120.9476	0.0133	9.7728	106.2964
1038.0000	-24.5097	59.5249	120.9489	0.0140	9.7684	108.9207
1038.2500	-24.5863	59.7715	120.9510	0.0152	9.7648	112.0552
1038.5000	-24.6329	59.9242	120.9546	0.0164	9.7632	116.8993
1038.7500	-24.6506	59.9748	120.9598	0.0177	9.7620	120.6103
1039.0000	-24.6027	59.6498	120.9664	0.0191	9.7611	120.2489
1039.2500	-24.4869	59.3954	120.9730	0.0207	9.7631	116.1688
1039.5000	-24.3737	59.7099	120.9786	0.0229	9.7721	111.2475
1039.7500	-24.3152	59.8162	120.9830	0.0256	9.7915	107.5407
1040.0000	-24.2806	59.6759	120.9871	0.0283	9.8224	104.1617
1040.2500	-24.2152	59.5280	120.9924	0.0312	9.8613	99.7214
1040.5000	-24.1376	59.6929	121.0004	0.0344	9.8910	95.5104
1040.7500	-24.1171	59.6065	121.0109	0.0378	9.8865	93.7088
1041.0000	-24.1635	59.8653	121.0231	0.0407	9.8488	93.9022
1041.2500	-24.2384	60.0596	121.0355	0.0418	9.8105	93.4993
1041.5000	-24.3430	59.5018	121.0475	0.0405	9.7958	91.2706
1041.7500	-24.4802	59.4710	121.0587	0.0374	9.7967	89.4558
1042.0000	-24.5785	59.4832	121.0685	0.0334	9.7954	91.0631
1042.2500	-24.5585	60.1693	121.0761	0.0295	9.7867	95.8716
1042.5000	-24.4518	59.8100	121.0814	0.0263	9.7772	101.6920
1042.7500	-24.3571	59.6344	121.0857	0.0241	9.7725	107.9886

1043.0000	-24.3030	59.9780	121.0899	0.0229	9.7724	115.7693
1043.2500	-24.2544	59.9269	121.0945	0.0224	9.7765	125.4485
1043.5000	-24.2096	60.1817	121.1001	0.0225	9.7909	135.6799
1043.7500	-24.1933	59.5403	121.1069	0.0227	9.8343	144.2042
1044.0000	-24.2014	59.8718	121.1143	0.0229	9.9350	150.1136
1044.2500	-24.2102	59.8363	121.1210	0.0229	10.1145	154.1234
1044.5000	-24.2313	59.5495	121.1263	0.0224	10.3662	156.6307
1044.7500	-24.2977	59.8408	121.1311	0.0220	10.6461	157.3347
1045.0000	-24.3871	59.8594	121.1357	0.0228	10.8808	156.3237
1045.2500	-24.4540	59.5896	121.1402	0.0253	10.9624	154.2174
1045.5000	-24.5140	59.7100	121.1449	0.0291	10.7979	151.8730
1045.7500	-24.5844	59.7559	121.1509	0.0328	10.4388	149.7254
1046.0000	-24.6207	59.5989	121.1598	0.0356	10.0649	146.9974
1046.2500	-24.5912	59.7452	121.1716	0.0379	9.8060	142.8590
1046.5000	-24.5462	59.8655	121.1846	0.0400	9.6721	138.0477
1046.7500	-24.5514	59.7592	121.1966	0.0409	9.6178	134.1795
1047.0000	-24.5746	59.6051	121.2068	0.0395	9.6048	132.0526
1047.2500	-24.5274	59.9532	121.2160	0.0359	9.6182	131.5300
1047.5000	-24.4142	59.7499	121.2249	0.0321	9.6497	132.3734
1047.7500	-24.3242	59.7129	121.2327	0.0296	9.6851	133.6060
1048.0000	-24.2998	59.7114	121.2388	0.0288	9.7160	133.2159
1048.2500	-24.3273	59.5603	121.2435	0.0283	9.7410	130.6365
1048.5000	-24.4090	59.4693	121.2487	0.0275	9.7523	127.9788
1048.7500	-24.5508	59.8023	121.2559	0.0271	9.7437	127.3145
1049.0000	-24.6952	59.7976	121.2645	0.0275	9.7262	128.1530
1049.2500	-24.7565	60.0580	121.2727	0.0284	9.7141	128.7122
1049.5000	-24.7267	59.6928	121.2798	0.0287	9.7118	128.6998
1049.7500	-24.6570	59.7608	121.2869	0.0280	9.7235	128.8147
1050.0000	-24.5685	59.4571	121.2939	0.0270	9.7661	128.6230
1050.2500	-24.4760	59.6081	121.3002	0.0267	9.8633	127.4678
1050.5000	-24.4289	59.8362	121.3060	0.0274	10.0219	126.1012
1050.7500	-24.4454	60.1258	121.3119	0.0282	10.2210	125.6279
1051.0000	-24.4552	59.6205	121.3185	0.0281	10.4333	126.0744
1051.2500	-24.3764	59.6267	121.3261	0.0268	10.6559	126.6966
1051.5000	-24.2463	60.1119	121.3347	0.0245	10.9325	126.7406
1051.7500	-24.1848	59.8576	121.3433	0.0222	11.3187	125.8353
1052.0000	-24.2304	60.1073	121.3501	0.0209	11.7814	124.3071
1052.2500	-24.3294	59.4663	121.3539	0.0201	12.1849	122.9949
1052.5000	-24.4484	59.5725	121.3550	0.0188	12.4203	122.5477
1052.7500	-24.5749	59.5310	121.3563	0.0173	12.4687	122.9853
1053.0000	-24.6529	59.8976	121.3602	0.0164	12.3491	123.5711
1053.2500	-24.6244	59.8301	121.3662	0.0172	12.1405	123.1136
1053.5000	-24.5141	59.8794	121.3723	0.0201	11.9957	121.0215
1053.7500	-24.3996	59.5434	121.3778	0.0239	11.9631	118.0935
1054.0000	-24.3183	59.7281	121.3829	0.0270	11.8857	115.2540
1054.2500	-24.2673	59.9519	121.3883	0.0291	11.6111	112.0981
1054.5000	-24.2535	59.6790	121.3952	0.0303	11.1821	108.3153
1054.7500	-24.2774	60.2137	121.4041	0.0313	10.7533	104.9861
1055.0000	-24.3042	59.4894	121.4143	0.0326	10.4410	103.1598
1055.2500	-24.2983	59.5912	121.4244	0.0342	10.2694	103.1934
1055.5000	-24.2850	59.7422	121.4330	0.0350	10.1927	105.2288
1055.7500	-24.3206	59.9039	121.4404	0.0345	10.1575	108.2068
1056.0000	-24.3936	59.8995	121.4482	0.0330	10.1435	109.9088
1056.2500	-24.4540	59.9964	121.4567	0.0309	10.1470	109.8067
1056.5000	-24.5074	59.5773	121.4651	0.0288	10.1615	109.9039
1056.7500	-24.5612	59.3923	121.4731	0.0270	10.1832	111.5716
1057.0000	-24.5644	59.7638	121.4803	0.0253	10.2168	113.5093

1057.2500	-24.4897	59.7561	121.4862	0.0240	10.2645	113.6325
1057.5000	-24.3977	59.7945	121.4907	0.0230	10.3181	111.9871
1057.7500	-24.3611	59.5157	121.4945	0.0220	10.3649	111.2778
1058.0000	-24.3609	59.8484	121.4988	0.0216	10.4110	113.7626
1058.2500	-24.3298	59.8314	121.5047	0.0220	10.5086	118.4993
1058.5000	-24.2750	59.8441	121.5111	0.0230	10.7376	122.8816
1058.7500	-24.2572	59.7421	121.5172	0.0239	11.1270	125.4339
1059.0000	-24.2803	59.6267	121.5234	0.0242	11.5813	126.5434
1059.2500	-24.3104	59.5279	121.5302	0.0240	11.9218	127.9013
1059.5000	-24.3642	59.7206	121.5367	0.0242	12.0587	131.1994
1059.7500	-24.4789	59.6574	121.5422	0.0258	12.0722	136.6204
1060.0000	-24.6029	60.0135	121.5473	0.0280	12.0441	142.0723
1060.2500	-24.6387	59.5418	121.5527	0.0293	11.9364	144.3295
1060.5000	-24.5939	59.8546	121.5595	0.0297	11.7292	142.0917
1060.7500	-24.5367	59.8638	121.5688	0.0296	11.5143	137.0568
1061.0000	-24.4641	59.6188	121.5794	0.0297	11.3707	132.0190
1061.2500	-24.3652	59.7698	121.5889	0.0300	11.2867	129.2692
1061.5000	-24.3017	59.7221	121.5960	0.0301	11.2263	129.2136
1061.7500	-24.3183	59.3568	121.6013	0.0293	11.1777	129.3071
1062.0000	-24.3677	59.6589	121.6066	0.0278	11.1401	126.6230
1062.2500	-24.3805	59.7468	121.6127	0.0256	11.1110	121.0193
1062.5000	-24.3654	59.6436	121.6197	0.0222	11.0929	114.0400
1062.7500	-24.3743	59.5033	121.6274	0.0179	11.0904	106.8724
1063.0000	-24.4110	59.5942	121.6349	0.0139	11.0977	99.8768
1063.2500	-24.4441	59.9072	121.6400	0.0115	11.1035	93.0422
1063.5000	-24.4504	59.7468	121.6405	0.0108	11.1097	86.9114
1063.7500	-24.4080	59.8455	121.6372	0.0107	11.1256	82.5835
1064.0000	-24.2978	59.8362	121.6344	0.0112	11.1482	80.9493
1064.2500	-24.1342	59.7561	121.6358	0.0134	11.1649	81.8712
1064.5000	-23.9749	60.2294	121.6413	0.0179	11.1744	83.9956
1064.7500	-23.8683	59.7484	121.6488	0.0235	11.1898	86.3328
1065.0000	-23.7970	59.5465	121.6574	0.0283	11.2201	89.1590
1065.2500	-23.7323	59.5865	121.6669	0.0309	11.2583	92.4706
1065.5000	-23.7107	59.5573	121.6763	0.0321	11.2909	94.8214
1065.7500	-23.7703	59.5141	121.6842	0.0332	11.3131	94.4859
1066.0000	-23.8620	59.8222	121.6909	0.0339	11.3353	91.7577
1066.2500	-23.9060	59.6280	121.6977	0.0332	11.3719	89.2320
1066.5000	-23.9018	59.3676	121.7056	0.0313	11.4269	88.9031
1066.7500	-23.8983	59.5679	121.7152	0.0302	11.4948	90.2679
1067.0000	-23.9002	59.7745	121.7253	0.0311	11.5663	92.0637
1067.2500	-23.8929	59.7207	121.7333	0.0335	11.6333	93.6438
1067.5000	-23.8999	59.5819	121.7389	0.0358	11.6959	94.5699
1067.7500	-23.9452	59.4277	121.7445	0.0361	11.7686	95.8124
1068.0000	-23.9855	60.0487	121.7530	0.0350	11.8673	99.8830
1068.2500	-23.9521	59.7439	121.7647	0.0346	11.9778	107.1337
1068.5000	-23.8630	59.8591	121.7771	0.0360	12.0521	114.8728
1068.7500	-23.7935	59.8915	121.7874	0.0384	12.0521	120.8408
1069.0000	-23.7583	59.9409	121.7953	0.0399	11.9916	123.9613
1069.2500	-23.7293	59.5850	121.8024	0.0396	11.9198	123.4690
1069.5000	-23.7199	59.8977	121.8110	0.0391	11.8734	120.2961
1069.7500	-23.7646	59.7207	121.8214	0.0400	11.8678	116.5504
1070.0000	-23.8400	59.2890	121.8328	0.0427	11.9184	112.8538
1070.2500	-23.8870	59.9778	121.8440	0.0463	12.0348	108.9785
1070.5000	-23.9126	59.6420	121.8554	0.0493	12.2008	105.9715
1070.7500	-23.9589	59.7081	121.8674	0.0512	12.3970	105.0841
1071.0000	-24.0026	59.5880	121.8807	0.0527	12.6235	105.9801
1071.2500	-24.0009	59.7884	121.8951	0.0538	12.8736	107.5015

1071.5000	-23.9693	59.7576	121.9097	0.0537	13.1118	109.1438
1071.7500	-23.9449	59.4956	121.9239	0.0521	13.2885	111.1741
1072.0000	-23.9139	59.9272	121.9381	0.0501	13.3402	113.7202
1072.2500	-23.8342	59.7299	121.9517	0.0487	13.2249	115.9986
1072.5000	-23.7321	59.2982	121.9628	0.0477	13.0301	116.9312
1072.7500	-23.6804	59.7328	121.9716	0.0467	12.9601	116.5624
1073.0000	-23.6858	60.1890	121.9809	0.0451	13.1205	115.1807
1073.2500	-23.7056	59.8038	121.9924	0.0437	13.3891	111.9451
1073.5000	-23.7460	59.9163	122.0052	0.0438	13.5831	106.5997
1073.7500	-23.8468	59.7607	122.0173	0.0455	13.6987	100.7556
1074.0000	-23.9807	59.9487	122.0284	0.0467	13.8811	96.2757
1074.2500	-24.0660	59.8484	122.0390	0.0460	14.2047	93.7338
1074.5000	-24.0802	59.7760	122.0504	0.0437	14.6174	92.8546
1074.7500	-24.0536	59.9025	122.0626	0.0409	15.0648	93.2140
1075.0000	-23.9821	59.7669	122.0743	0.0382	15.5178	93.3761
1075.2500	-23.8582	59.5449	122.0844	0.0358	15.8831	91.1451
1075.5000	-23.7519	60.0672	122.0926	0.0339	16.0376	86.1932
1075.7500	-23.7499	60.0195	122.0991	0.0323	15.9601	80.3851
1076.0000	-23.8238	59.4494	122.1047	0.0315	15.7537	75.4523
1076.2500	-23.8657	59.8732	122.1107	0.0323	15.5602	72.2965
1076.5000	-23.8462	59.8376	122.1182	0.0352	15.4833	71.2667
1076.7500	-23.8201	59.5434	122.1273	0.0396	15.5814	71.3651
1077.0000	-23.8144	59.3861	122.1374	0.0438	15.8777	70.9236
1077.2500	-23.8260	59.7591	122.1490	0.0467	16.3070	69.9504
1077.5000	-23.8844	59.5003	122.1630	0.0478	16.6807	69.9135
1077.7500	-24.0168	59.4676	122.1782	0.0474	16.8013	71.5550
1078.0000	-24.1573	59.5988	122.1924	0.0462	16.6210	74.2292
1078.2500	-24.1976	59.7253	122.2041	0.0440	16.2377	77.0303
1078.5000	-24.1340	59.9117	122.2137	0.0403	15.7683	79.6139
1078.7500	-24.0402	59.6097	122.2221	0.0357	15.2836	81.4514
1079.0000	-23.9360	59.8269	122.2299	0.0318	14.8291	81.7209
1079.2500	-23.8181	59.6744	122.2370	0.0296	14.4407	80.5557
1079.5000	-23.7310	59.3985	122.2436	0.0287	14.1389	78.7450
1079.7500	-23.7027	59.8470	122.2496	0.0275	13.9666	76.7245
1080.0000	-23.6919	59.7731	122.2560	0.0255	14.0110	75.1540
1080.2500	-23.6769	59.7346	122.2633	0.0250	14.3201	75.3521
1080.5000	-23.7079	59.7021	122.2712	0.0281	14.7775	78.8195
1080.7500	-23.8020	60.1258	122.2772	0.0326	15.1684	86.2560
1081.0000	-23.8949	60.2138	122.2809	0.0351	15.4109	96.1023
1081.2500	-23.9405	59.9332	122.2871	0.0343	15.5534	104.7265
1081.5000	-23.9657	59.7669	122.2997	0.0319	15.5586	109.0765
1081.7500	-24.0015	59.8285	122.3149	0.0306	15.3253	109.2471
1082.0000	-24.0227	59.6513	122.3262	0.0315	14.9237	108.1288
1082.2500	-24.0002	60.0273	122.3319	0.0320	14.5894	108.2411
1082.5000	-23.9590	59.7884	122.3349	0.0298	14.4492	109.8683
1082.7500	-23.9176	59.7807	122.3384	0.0266	14.4237	112.6610
1083.0000	-23.8411	59.3599	122.3439	0.0251	14.3924	116.8667
1083.2500	-23.7138	59.6420	122.3511	0.0255	14.3073	122.4386
1083.5000	-23.6044	59.6065	122.3594	0.0262	14.1906	128.7866
1083.7500	-23.5908	60.1109	122.3682	0.0259	14.0908	135.2408
1084.0000	-23.6480	59.6205	122.3764	0.0245	14.0086	141.0094
1084.2500	-23.7082	59.7731	122.3829	0.0224	13.9119	145.4173
1084.5000	-23.7763	59.8163	122.3873	0.0200	13.8211	148.5419
1084.7500	-23.8737	59.5527	122.3902	0.0176	13.8099	150.8588
1085.0000	-23.9558	59.5063	122.3929	0.0158	13.9397	152.4045
1085.2500	-23.9651	59.8147	122.3959	0.0154	14.2085	152.7753
1085.5000	-23.9130	59.6698	122.3994	0.0160	14.4953	150.9602

1085.7500	-23.8539	59.3568	122.4033	0.0165	14.6097	145.7835
1086.0000	-23.8022	59.8841	122.4080	0.0167	14.4828	137.5208
1086.2500	-23.7515	59.7590	122.4137	0.0171	14.2139	127.7539
1086.5000	-23.7292	59.6004	122.4193	0.0184	13.9191	117.7205
1086.7500	-23.7435	59.8747	122.4232	0.0198	13.6685	108.0582
1087.0000	-23.7452	59.7715	122.4262	0.0204	13.5063	99.6129
1087.2500	-23.7017	59.2165	122.4302	0.0200	13.4327	93.6274
1087.5000	-23.6585	59.4600	122.4362	0.0194	13.4139	90.6385
1087.7500	-23.6789	59.7900	122.4429	0.0196	13.4193	89.5196
1088.0000	-23.7501	59.7006	122.4488	0.0202	13.4261	88.5450
1088.2500	-23.8246	60.0014	122.4537	0.0201	13.4159	86.8403
1088.5000	-23.9084	59.6836	122.4581	0.0184	13.3803	84.4801
1088.7500	-24.0116	59.7514	122.4624	0.0162	13.3276	82.0251
1089.0000	-24.0816	59.7592	122.4666	0.0144	13.2713	80.3693
1089.2500	-24.0598	59.6389	122.4703	0.0133	13.2025	80.7240
1089.5000	-23.9679	59.7406	122.4731	0.0126	13.1068	83.3194
1089.7500	-23.8760	59.9734	122.4753	0.0116	13.0107	86.1529
1090.0000	-23.8048	60.0242	122.4775	0.0102	12.9598	86.6191
1090.2500	-23.7429	59.9998	122.4803	0.0093	12.9674	84.4166
1090.5000	-23.7192	60.0026	122.4833	0.0095	13.0209	81.8832
1090.7500	-23.7522	60.2169	122.4856	0.0103	13.1014	81.4681
1091.0000	-23.7866	59.6960	122.4871	0.0108	13.1681	84.0229
1091.2500	-23.7652	60.0367	122.4890	0.0108	13.1746	88.7987
1091.5000	-23.7311	59.9011	122.4921	0.0105	13.1234	93.2468
1091.7500	-23.7763	59.4277	122.4958	0.0109	13.0606	94.6311
1092.0000	-23.8992	59.3753	122.4992	0.0122	13.0209	93.1688
1092.2500	-24.0209	59.8732	122.5019	0.0136	13.0126	91.4620
1092.5000	-24.1049	60.1336	122.5044	0.0143	13.0306	90.9941
1092.7500	-24.1460	59.3892	122.5075	0.0140	13.0694	91.0294
1093.0000	-24.1113	60.1432	122.5115	0.0131	13.1511	90.6592
1093.2500	-23.9879	59.7175	122.5162	0.0126	13.3180	90.3919
1093.5000	-23.8403	60.2539	122.5206	0.0126	13.5436	91.1599
1093.7500	-23.7476	59.5588	122.5237	0.0126	13.6843	92.5335
1094.0000	-23.7138	59.5849	122.5254	0.0120	13.6047	93.4638
1094.2500	-23.7102	59.9056	122.5270	0.0113	13.3228	94.9212
1094.5000	-23.7511	59.4046	122.5296	0.0107	12.9800	99.4890
1094.7500	-23.8404	59.7037	122.5326	0.0108	12.7178	107.6830
1095.0000	-23.9118	59.7406	122.5356	0.0114	12.5856	117.0274
1095.2500	-23.9056	59.6807	122.5387	0.0114	12.5264	125.0483
1095.5000	-23.8662	59.7468	122.5421	0.0105	12.4578	131.3035
1095.7500	-23.8787	59.8594	122.5453	0.0098	12.3558	136.8321
1096.0000	-23.9326	59.6158	122.5482	0.0102	12.2540	142.4469
1096.2500	-23.9592	59.6159	122.5499	0.0112	12.1930	147.8263
1096.5000	-23.9527	59.7778	122.5507	0.0113	12.1980	152.7704
1096.7500	-23.9376	59.7129	122.5522	0.0104	12.3136	157.7521
1097.0000	-23.8923	59.7592	122.5560	0.0093	12.5925	162.3041
1097.2500	-23.7912	59.5372	122.5612	0.0091	12.9765	165.0015
1097.5000	-23.6752	60.0228	122.5648	0.0100	13.2543	165.3354
1097.7500	-23.6143	59.7916	122.5661	0.0111	13.2470	164.0515
1098.0000	-23.6188	59.4817	122.5667	0.0115	13.0300	161.3530
1098.2500	-23.6615	59.7946	122.5681	0.0114	12.8375	156.0598
1098.5000	-23.7497	59.8530	122.5708	0.0119	12.7516	147.5990
1098.7500	-23.8819	59.5697	122.5745	0.0133	12.6469	137.1908
1099.0000	-23.9812	59.5079	122.5790	0.0146	12.4342	126.5378
1099.2500	-23.9719	59.5526	122.5839	0.0148	12.1848	116.7943
1099.5000	-23.8978	60.0441	122.5886	0.0136	11.9893	108.9589
1099.7500	-23.8664	59.5789	122.5926	0.0115	11.8311	103.9362

1100.0000	-23.8897	59.9532	122.5958	0.0090	11.6624	101.8381
1100.2500	-23.9022	59.6451	122.5977	0.0069	11.4936	102.0680
1100.5000	-23.8939	59.8625	122.5980	0.0055	11.3570	103.6282
1100.7500	-23.9001	59.3445	122.5974	0.0046	11.2605	105.5685
1101.0000	-23.9058	59.8609	122.5970	0.0036	11.2019	107.5337
1101.2500	-23.8717	59.6220	122.5977	0.0027	11.2096	108.9048
1101.5000	-23.8302	59.4417	122.5996	0.0023	11.3559	108.9030
1101.7500	-23.8372	59.5679	122.6018	0.0023	11.6989	108.0440
1102.0000	-23.8743	59.4924	122.6031	0.0023	12.1968	107.1077
1102.2500	-23.9055	59.7114	122.6031	0.0020	12.7159	105.7245
1102.5000	-23.9549	59.5372	122.6025	0.0010	13.1396	103.7926
1102.7500	-24.0506	59.8732	122.6019	0.0001	13.3948	102.7589
1103.0000	-24.1450	59.9134	122.6016	-0.0001	13.4090	104.3857
1103.2500	-24.1580	59.9748	122.6017	0.0007	13.2407	108.3198
1103.5000	-24.0851	59.5418	122.6017	0.0018	13.1466	111.8617
1103.7500	-23.9864	60.0996	122.6019	0.0029	13.2724	112.8407
1104.0000	-23.8968	59.6944	122.6029	0.0036	13.4146	111.5519
1104.2500	-23.8279	59.5990	122.6045	0.0038	13.2777	109.8254
1104.5000	-23.8092	59.7929	122.6062	0.0035	12.8393	108.7194
1104.7500	-23.8514	59.9286	122.6077	0.0027	12.2838	107.5109
1105.0000	-23.9051	59.7377	122.6089	0.0011	11.7323	104.9936
1105.2500	-23.9187	59.6234	122.6092	-0.0011	11.2438	100.9007
1105.5000	-23.9172	59.7282	122.6086	-0.0034	10.8922	96.1083
1105.7500	-23.9419	59.7469	122.6073	-0.0054	10.7014	92.4978
1106.0000	-23.9679	59.7684	122.6051	-0.0070	10.6254	92.3462
1106.2500	-23.9753	59.8054	122.6022	-0.0077	10.6061	96.5267
1106.5000	-24.0072	59.8702	122.5994	-0.0075	10.6007	103.7705
1106.7500	-24.0838	59.4417	122.5969	-0.0071	10.5868	112.0176
1107.0000	-24.1323	59.6637	122.5948	-0.0064	10.5644	119.3968
1107.2500	-24.0671	59.9627	122.5938	-0.0057	10.5391	124.4436
1107.5000	-23.9139	59.8638	122.5936	-0.0055	10.5041	127.0645
1107.7500	-23.7789	59.4062	122.5932	-0.0063	10.4548	128.9903
1108.0000	-23.7151	59.8594	122.5923	-0.0079	10.4066	131.6731
1108.2500	-23.7041	59.9272	122.5909	-0.0100	10.3742	134.0878
1108.5000	-23.7315	59.8438	122.5884	-0.0120	10.3564	134.6642
1108.7500	-23.7994	59.6203	122.5843	-0.0133	10.3470	134.6563
1109.0000	-23.8771	59.8255	122.5790	-0.0137	10.3433	137.0481
1109.2500	-23.9237	59.5835	122.5739	-0.0133	10.3501	142.6039
1109.5000	-23.9601	59.8794	122.5696	-0.0122	10.3754	148.9369
1109.7500	-24.0125	59.8501	122.5665	-0.0107	10.4085	153.1245
1110.0000	-24.0383	59.6111	122.5648	-0.0090	10.4151	154.3283
1110.2500	-24.0170	59.5511	122.5643	-0.0075	10.3699	153.8480
1110.5000	-24.0062	59.9673	122.5639	-0.0064	10.2916	153.7116
1110.7500	-24.0379	59.9301	122.5629	-0.0057	10.2167	155.3921
1111.0000	-24.0519	59.6575	122.5610	-0.0058	10.1496	158.0805
1111.2500	-23.9853	59.4216	122.5588	-0.0066	10.0760	159.0609
1111.5000	-23.8741	59.8964	122.5569	-0.0080	10.0034	157.1682
1111.7500	-23.7981	60.0426	122.5551	-0.0093	9.9507	154.2224
1112.0000	-23.7694	59.4154	122.5533	-0.0101	9.9204	152.6338
1112.2500	-23.7624	59.6898	122.5510	-0.0104	9.8993	153.3678
1112.5000	-23.7859	59.6651	122.5479	-0.0105	9.8746	156.6974
1112.7500	-23.8540	59.7574	122.5442	-0.0108	9.8457	162.4546
1113.0000	-23.9303	60.0087	122.5408	-0.0111	9.8195	168.5856
1113.2500	-23.9625	59.7761	122.5381	-0.0114	9.7982	171.9210
1113.5000	-23.9567	59.7237	122.5358	-0.0112	9.7789	171.6392
1113.7500	-23.9522	59.4031	122.5336	-0.0105	9.7610	170.7886
1114.0000	-23.9412	59.3984	122.5310	-0.0098	9.7443	172.2383

1114.2500	-23.8912	59.4893	122.5282	-0.0096	9.7261	174.6650
1114.5000	-23.8312	59.9058	122.5255	-0.0101	9.7056	175.6732
1114.7500	-23.8247	59.5942	122.5232	-0.0108	9.6852	175.4672
1115.0000	-23.8533	59.5710	122.5212	-0.0111	9.6697	175.1967
1115.2500	-23.8346	59.5804	122.5189	-0.0109	9.6630	174.8469
1115.5000	-23.7634	59.8579	122.5156	-0.0108	9.6644	173.5799
1115.7500	-23.7110	59.7561	122.5119	-0.0115	9.6685	171.4839
1116.0000	-23.7033	59.6358	122.5088	-0.0121	9.6701	169.9585
1116.2500	-23.7175	59.6004	122.5064	-0.0121	9.6706	169.5029
1116.5000	-23.7688	59.9069	122.5038	-0.0114	9.6726	168.7971
1116.7500	-23.8940	59.7807	122.5003	-0.0111	9.6734	166.4962
1117.0000	-24.0458	59.8083	122.4969	-0.0115	9.6730	162.9054
1117.2500	-24.1151	59.5310	122.4947	-0.0119	9.6738	159.9256
1117.5000	-24.0761	59.9827	122.4928	-0.0111	9.6741	158.8121
1117.7500	-23.9935	60.2631	122.4897	-0.0091	9.6748	158.3071
1118.0000	-23.9047	59.6512	122.4857	-0.0072	9.6789	156.5272
1118.2500	-23.8083	59.8748	122.4826	-0.0066	9.6814	153.8172
1118.5000	-23.7254	59.8884	122.4816	-0.0070	9.6761	152.2940
1118.7500	-23.6782	59.6636	122.4821	-0.0074	9.6672	152.8860
1119.0000	-23.6431	59.3845	122.4826	-0.0071	9.6628	154.4518
1119.2500	-23.6022	59.6636	122.4816	-0.0067	9.6654	156.0189
1119.5000	-23.5936	59.5404	122.4788	-0.0069	9.6702	157.7807
1119.7500	-23.6464	59.8361	122.4750	-0.0079	9.6703	159.6165
1120.0000	-23.7281	59.6589	122.4716	-0.0093	9.6654	160.6512
1120.2500	-23.7940	59.7823	122.4693	-0.0102	9.6627	160.4281
1120.5000	-23.8435	59.5788	122.4678	-0.0105	9.6663	160.0291
1120.7500	-23.8935	59.6651	122.4663	-0.0099	9.6747	161.3813
1121.0000	-23.9169	59.7375	122.4641	-0.0090	9.6855	164.5643
1121.2500	-23.8844	59.5681	122.4611	-0.0085	9.7011	166.8741
1121.5000	-23.8322	59.7653	122.4578	-0.0082	9.7225	166.1392
1121.7500	-23.7961	59.9473	122.4552	-0.0078	9.7440	164.3918
1122.0000	-23.7473	59.9442	122.4535	-0.0071	9.7613	166.1088
1122.2500	-23.6589	59.6929	122.4524	-0.0061	9.7698	173.2830
1122.5000	-23.5813	59.8008	122.4515	-0.0046	9.7569	183.9155
1122.7500	-23.5841	59.6189	122.4507	-0.0032	9.7139	194.2066
1123.0000	-23.6465	59.3769	122.4499	-0.0022	9.6554	201.6901
1123.2500	-23.7069	60.0379	122.4490	-0.0015	9.6056	207.1054
1123.5000	-23.7709	60.0676	122.4487	-0.0013	9.5756	212.6584
1123.7500	-23.8575	59.8549	122.4489	-0.0019	9.5619	219.0210
1124.0000	-23.9250	59.8347	122.4492	-0.0030	9.5575	225.2084
1124.2500	-23.9306	59.6651	122.4493	-0.0038	9.5596	229.2589
1124.5000	-23.8972	59.7360	122.4489	-0.0042	9.5702	228.6069
1124.7500	-23.8681	59.5835	122.4469	-0.0048	9.5912	222.4263
1125.0000	-23.8303	59.6436	122.4438	-0.0059	9.6152	213.2416
1125.2500	-23.7615	59.9132	122.4413	-0.0073	9.6280	205.0779
1125.5000	-23.7012	59.7961	122.4402	-0.0084	9.6218	201.2085
1125.7500	-23.6868	59.6851	122.4392	-0.0084	9.6001	202.4922
1126.0000	-23.6835	60.0412	122.4375	-0.0074	9.5681	207.3560
1126.2500	-23.6397	59.5542	122.4348	-0.0065	9.5306	214.8354
1126.5000	-23.5803	59.9517	122.4321	-0.0064	9.4979	224.7800
1126.7500	-23.5840	59.6898	122.4301	-0.0065	9.4820	233.9851
1127.0000	-23.6615	59.8332	122.4290	-0.0062	9.4842	237.1210
1127.2500	-23.7596	59.5573	122.4282	-0.0053	9.4917	232.1632
1127.5000	-23.8633	59.7591	122.4273	-0.0047	9.4910	220.9480
1127.7500	-23.9740	59.6819	122.4261	-0.0051	9.4822	206.8285
1128.0000	-24.0343	59.9826	122.4251	-0.0065	9.4767	193.8536
1128.2500	-23.9857	59.6111	122.4241	-0.0080	9.4822	184.3697

1128.5000	-23.8684	59.7806	122.4227	-0.0086	9.4935	176.9220
1128.7500	-23.7691	59.8732	122.4199	-0.0080	9.5022	168.4101
1129.0000	-23.6983	59.4571	122.4159	-0.0068	9.5057	158.0214
1129.2500	-23.6319	59.8841	122.4122	-0.0058	9.5058	147.5517
1129.5000	-23.6088	59.7205	122.4101	-0.0050	9.5047	138.9275
1129.7500	-23.6623	59.3291	122.4102	-0.0039	9.5039	133.3659
1130.0000	-23.7302	59.7052	122.4115	-0.0020	9.5035	130.5495
1130.2500	-23.7301	59.6774	122.4126	-0.0003	9.5035	127.9779
1130.5000	-23.6846	59.6404	122.4127	0.0005	9.5039	123.2497
1130.7500	-23.6859	59.6651	122.4122	0.0000	9.5048	116.2427
1131.0000	-23.7549	59.6513	122.4118	-0.0009	9.5067	108.2682
1131.2500	-23.8368	59.3907	122.4116	-0.0017	9.5109	100.7787
1131.5000	-23.9078	59.6513	122.4110	-0.0021	9.5207	95.3607
1131.7500	-23.9750	59.8914	122.4102	-0.0024	9.5375	93.5884
1132.0000	-24.0004	59.7067	122.4097	-0.0029	9.5520	96.0427
1132.2500	-23.9365	59.5928	122.4092	-0.0032	9.5487	101.6366
1132.5000	-23.8285	59.8548	122.4086	-0.0028	9.5232	108.1962
1132.7500	-23.7627	59.6834	122.4073	-0.0019	9.4864	113.9468
1133.0000	-23.7420	59.2689	122.4060	-0.0008	9.4530	118.7167
1133.2500	-23.7239	59.7021	122.4052	0.0003	9.4340	123.2342
1133.5000	-23.7188	60.0229	122.4054	0.0015	9.4305	126.8894
1133.7500	-23.7645	59.4278	122.4065	0.0029	9.4319	127.0551
1134.0000	-23.8402	59.5186	122.4081	0.0043	9.4304	121.3707
1134.2500	-23.8883	59.5865	122.4097	0.0051	9.4330	110.4439
1134.5000	-23.9193	59.9489	122.4115	0.0049	9.4479	97.1388
1134.7500	-23.9818	59.6452	122.4132	0.0043	9.4689	83.7172
1135.0000	-24.0563	59.8051	122.4146	0.0039	9.4843	71.6644
1135.2500	-24.0893	59.6666	122.4153	0.0042	9.4967	62.7629
1135.5000	-24.0744	59.6680	122.4152	0.0047	9.5231	58.0042
1135.7500	-24.0398	59.7191	122.4151	0.0052	9.5719	56.4861
1136.0000	-23.9903	60.1122	122.4159	0.0051	9.6323	56.7686
1136.2500	-23.9087	59.5942	122.4181	0.0048	9.6825	58.9915
1136.5000	-23.8164	59.4832	122.4210	0.0053	9.6904	64.3877
1136.7500	-23.7539	59.8779	122.4236	0.0061	9.6422	73.1034
1137.0000	-23.7157	59.8685	122.4248	0.0063	9.5757	83.9998
1137.2500	-23.6958	59.3815	122.4250	0.0062	9.5402	95.5224
1137.5000	-23.7361	59.9778	122.4259	0.0058	9.5502	105.6843
1137.7500	-23.8565	59.7360	122.4272	0.0054	9.5926	112.2980
1138.0000	-23.9931	59.4694	122.4286	0.0058	9.6414	114.0030
1138.2500	-24.0692	59.7823	122.4305	0.0070	9.6742	110.9838
1138.5000	-24.0896	59.6219	122.4326	0.0080	9.6838	105.1934
1138.7500	-24.0846	59.6312	122.4344	0.0088	9.6715	99.7361
1139.0000	-24.0262	59.5910	122.4364	0.0097	9.6531	96.6441
1139.2500	-23.9029	60.0244	122.4390	0.0109	9.6551	95.5710
1139.5000	-23.7896	59.8331	122.4419	0.0128	9.6786	95.6588
1139.7500	-23.7593	59.7546	122.4448	0.0153	9.6996	97.8782
1140.0000	-23.7864	59.6343	122.4480	0.0176	9.7111	104.5805
1140.2500	-23.8047	59.7882	122.4524	0.0192	9.7252	116.8499
1140.5000	-23.8140	59.6698	122.4583	0.0199	9.7373	133.1749
1140.7500	-23.8459	59.6991	122.4650	0.0199	9.7306	151.3212
1141.0000	-23.8840	59.6882	122.4716	0.0196	9.7105	169.6014
1141.2500	-23.9096	59.5834	122.4774	0.0188	9.6994	185.5733
1141.5000	-23.9559	59.5218	122.4818	0.0175	9.7076	197.2253
1141.7500	-24.0508	60.3664	122.4847	0.0161	9.7349	205.5707
1142.0000	-24.1451	59.8486	122.4871	0.0151	9.7806	212.7660
1142.2500	-24.1590	59.7084	122.4899	0.0149	9.8322	218.4806
1142.5000	-24.0892	59.3199	122.4933	0.0155	9.8653	220.3546

1142.7500	-23.9961	59.7129	122.4971	0.0165	9.8707	216.8808
1143.0000	-23.9057	59.7900	122.5018	0.0176	9.8744	207.7665
1143.2500	-23.8131	59.7452	122.5072	0.0192	9.9279	192.8823
1143.5000	-23.7485	59.6389	122.5128	0.0212	10.0680	173.6047
1143.7500	-23.7518	59.7992	122.5176	0.0231	10.2684	153.6731
1144.0000	-23.8005	59.6683	122.5224	0.0246	10.4509	136.7771
1144.2500	-23.8384	59.2550	122.5283	0.0259	10.5609	124.8586
1144.5000	-23.8634	59.8054	122.5357	0.0275	10.6005	118.0134
1144.7500	-23.9041	59.9410	122.5434	0.0298	10.5928	114.8380
1145.0000	-23.9425	59.7298	122.5511	0.0327	10.5551	114.2843
1145.2500	-23.9461	59.9026	122.5591	0.0355	10.5027	116.5274
1145.5000	-23.9468	59.8255	122.5677	0.0375	10.4385	121.4046
1145.7500	-24.0011	59.9702	122.5772	0.0384	10.3425	127.5455
1146.0000	-24.0746	59.7269	122.5878	0.0382	10.2136	132.9916
1146.2500	-24.0744	59.6928	122.5994	0.0370	10.0989	135.9931
1146.5000	-23.9978	59.8023	122.6107	0.0349	10.0427	136.3504
1146.7500	-23.9147	59.6960	122.6203	0.0319	10.0452	135.9131
1147.0000	-23.8421	59.6156	122.6275	0.0281	10.0935	136.6013
1147.2500	-23.7691	59.7483	122.6331	0.0248	10.1915	138.7156
1147.5000	-23.7372	59.5203	122.6376	0.0237	10.3320	141.8040
1147.7500	-23.7888	59.7423	122.6409	0.0252	10.4812	145.8891
1148.0000	-23.8833	59.6790	122.6439	0.0286	10.6077	150.4890
1148.2500	-23.9412	59.5433	122.6490	0.0327	10.6928	153.9722
1148.5000	-23.9528	59.5866	122.6581	0.0371	10.7189	155.8954
1148.7500	-23.9642	59.7113	122.6706	0.0416	10.6866	157.7982
1149.0000	-23.9859	59.7344	122.6847	0.0457	10.6235	160.3669
1149.2500	-23.9946	59.5202	122.6985	0.0484	10.5481	162.2870
1149.5000	-23.9980	59.7623	122.7119	0.0493	10.4514	162.3597
1149.7500	-24.0234	59.5248	122.7242	0.0483	10.3364	160.9903
1150.0000	-24.0446	60.0010	122.7354	0.0461	10.2401	159.6113
1150.2500	-24.0024	59.4401	122.7458	0.0434	10.1940	159.4233
1150.5000	-23.9063	60.1369	122.7566	0.0408	10.1882	160.6237
1150.7500	-23.8160	59.9210	122.7672	0.0386	10.1910	162.2014
1151.0000	-23.7429	59.7546	122.7768	0.0366	10.1862	162.5851
1151.2500	-23.6744	59.7283	122.7854	0.0346	10.1868	161.9737
1151.5000	-23.6501	59.8440	122.7935	0.0324	10.2129	162.5339
1151.7500	-23.7150	59.6374	122.8013	0.0302	10.2543	164.7181
1152.0000	-23.8262	59.4894	122.8085	0.0286	10.2729	166.2040
1152.2500	-23.9042	59.8054	122.8151	0.0277	10.2514	165.3383
1152.5000	-23.9414	60.0626	122.8213	0.0270	10.2204	163.5623
1152.7500	-23.9707	59.9671	122.8276	0.0262	10.2285	163.2302
1153.0000	-23.9801	59.4663	122.8340	0.0251	10.2992	163.9778
1153.2500	-23.9354	60.1245	122.8407	0.0244	10.4324	163.5007
1153.5000	-23.8601	59.6312	122.8476	0.0243	10.6479	161.3754
1153.7500	-23.8143	59.4016	122.8537	0.0245	10.9821	159.8212
1154.0000	-23.7938	59.6205	122.8588	0.0247	11.4251	160.7520
1154.2500	-23.7618	59.5664	122.8639	0.0250	11.8757	163.2649
1154.5000	-23.7404	59.2920	122.8699	0.0255	12.1448	164.7916
1154.7500	-23.7543	59.4493	122.8766	0.0266	12.0680	164.0975
1155.0000	-23.7691	59.8424	122.8835	0.0282	11.6998	161.7118
1155.2500	-23.7556	59.7330	122.8907	0.0293	11.2956	158.2988
1155.5000	-23.7469	59.3028	122.8985	0.0292	11.0798	154.3016
1155.7500	-23.7839	59.6404	122.9068	0.0283	11.1618	150.7774
1156.0000	-23.8444	60.0707	122.9151	0.0271	11.6105	148.5079
1156.2500	-23.8966	59.5496	122.9225	0.0259	12.4416	146.5202
1156.5000	-23.9622	59.5280	122.9284	0.0248	13.4628	143.8838
1156.7500	-24.0342	59.5202	122.9332	0.0234	14.1462	141.3887

1157.0000	-24.0361	59.7699	122.9377	0.0215	13.9005	138.7336
1157.2500	-23.9363	59.4878	122.9425	0.0201	12.7012	133.3573
1157.5000	-23.8124	60.0044	122.9481	0.0197	11.2221	124.1989
1157.7500	-23.7536	59.5788	122.9536	0.0194	10.1593	113.1694
1158.0000	-23.7610	59.7515	122.9582	0.0185	9.6763	103.4011
1158.2500	-23.7921	59.6081	122.9628	0.0174	9.5474	97.8422
1158.5000	-23.8396	59.8023	122.9677	0.0167	9.5341	97.2991
1158.7500	-23.9029	59.9223	122.9720	0.0165	9.5281	99.2036
1159.0000	-23.9454	59.8391	122.9747	0.0164	9.5133	99.1313
1159.2500	-23.9355	59.9655	122.9773	0.0149	9.5100	93.7608
1159.5000	-23.9021	60.1231	122.9814	0.0120	9.5335	83.1402
1159.7500	-23.9043	59.8069	122.9867	0.0095	9.5755	69.9304
1160.0000	-23.9485	59.5234	122.9910	0.0085	9.6220	56.9347
1160.2500	-23.9888	60.1736	122.9925	0.0084	9.6584	46.0173
1160.5000	-23.9983	59.8255	122.9918	0.0077	9.6692	37.8034
1160.7500	-23.9766	59.7084	122.9909	0.0057	9.6616	31.6033
1161.0000	-23.9133	59.5804	122.9918	0.0039	9.6612	26.5521
1161.2500	-23.8042	59.8716	122.9942	0.0035	9.6795	22.7799
1161.5000	-23.6996	59.7484	122.9967	0.0044	9.7180	20.6344
1161.7500	-23.6694	59.7254	122.9982	0.0052	9.8053	19.7808
1162.0000	-23.7125	59.6404	122.9988	0.0049	9.9965	19.6973
1162.2500	-23.7817	59.6250	122.9995	0.0043	10.2983	19.9269
1162.5000	-23.8699	59.8254	123.0006	0.0045	10.5983	20.1278
1162.7500	-23.9756	59.5264	123.0013	0.0059	10.7272	20.4221
1163.0000	-24.0369	59.9072	123.0016	0.0070	10.6061	21.3226
1163.2500	-23.9978	60.0473	123.0028	0.0069	10.3036	23.3606
1163.5000	-23.9080	59.6714	123.0058	0.0062	9.9729	27.0231
1163.7500	-23.8570	59.7500	123.0099	0.0059	9.7484	32.7555
1164.0000	-23.8372	59.7129	123.0127	0.0063	9.6775	40.4751
1164.2500	-23.8004	59.4710	123.0134	0.0071	9.7276	49.3647
1164.5000	-23.7773	59.5003	123.0131	0.0074	9.8158	58.4332
1164.7500	-23.8012	60.0935	123.0131	0.0069	9.8529	67.3847
1165.0000	-23.8180	59.9794	123.0143	0.0063	9.8129	77.2867
1165.2500	-23.7684	59.2797	123.0169	0.0064	9.7410	89.9622
1165.5000	-23.6904	59.6882	123.0207	0.0078	9.6835	105.7769
1165.7500	-23.6679	60.0487	123.0238	0.0096	9.6539	121.9428
1166.0000	-23.7136	59.4339	123.0253	0.0106	9.6466	134.5644
1166.2500	-23.7882	59.6328	123.0262	0.0104	9.6561	141.9576
1166.5000	-23.8917	59.7452	123.0286	0.0100	9.6815	144.6462
1166.7500	-24.0237	59.7328	123.0323	0.0106	9.7066	144.5518
1167.0000	-24.1067	59.4539	123.0354	0.0122	9.7041	144.5060
1167.2500	-24.0601	59.8054	123.0378	0.0137	9.6723	145.5699
1167.5000	-23.9300	59.5803	123.0407	0.0139	9.6397	145.8010
1167.7500	-23.8358	59.7839	123.0449	0.0130	9.6295	142.5933
1168.0000	-23.8082	59.4694	123.0496	0.0131	9.6422	135.1300
1168.2500	-23.7998	59.9577	123.0536	0.0146	9.6657	124.8838
1168.5000	-23.8064	59.6821	123.0564	0.0164	9.6962	114.3302
1168.7500	-23.8476	59.7775	123.0583	0.0177	9.7494	105.9717
1169.0000	-23.8799	59.5711	123.0616	0.0187	9.8324	102.0743
1169.2500	-23.8422	59.5356	123.0670	0.0199	9.9046	103.9740
1169.5000	-23.7741	59.6760	123.0736	0.0216	9.9053	112.0488
1169.7500	-23.7756	59.5480	123.0804	0.0236	9.8343	125.5959
1170.0000	-23.8535	60.2186	123.0871	0.0248	9.7651	141.4584
1170.2500	-23.9415	59.6173	123.0934	0.0243	9.7658	155.1519
1170.5000	-24.0272	59.5372	123.0995	0.0225	9.8468	164.9379
1170.7500	-24.1162	59.4616	123.1055	0.0204	9.9823	172.9625
1171.0000	-24.1407	59.5742	123.1111	0.0187	10.1363	181.4621

1171.2500	-24.0337	59.8810	123.1156	0.0177	10.2462	189.2724
1171.5000	-23.8583	59.2982	123.1186	0.0172	10.2405	193.6873
1171.7500	-23.7436	59.9871	123.1212	0.0171	10.1356	193.8895
1172.0000	-23.7130	59.7268	123.1245	0.0177	10.0300	190.3609
1172.2500	-23.7131	59.6590	123.1288	0.0196	9.9621	183.3865
1172.5000	-23.7524	59.7391	123.1338	0.0221	9.8903	173.5336
1172.7500	-23.8592	59.8933	123.1396	0.0240	9.8008	161.9401
1173.0000	-23.9724	59.7499	123.1466	0.0245	9.7255	150.6199
1173.2500	-24.0001	59.5264	123.1548	0.0241	9.6857	142.0798
1173.5000	-23.9548	59.6559	123.1629	0.0232	9.6737	136.6089
1173.7500	-23.9294	59.8686	123.1692	0.0219	9.6718	131.1634
1174.0000	-23.9585	59.8471	123.1736	0.0204	9.6719	122.5143
1174.2500	-24.0034	59.5296	123.1770	0.0184	9.6736	110.6909
1174.5000	-24.0425	59.5710	123.1803	0.0165	9.6751	98.8677
1174.7500	-24.0766	60.0365	123.1835	0.0154	9.6797	90.0982
1175.0000	-24.0720	59.5079	123.1873	0.0155	9.6947	84.2752
1175.2500	-23.9916	59.7191	123.1916	0.0161	9.7178	79.1584
1175.5000	-23.8756	59.7792	123.1959	0.0165	9.7408	74.0051
1175.7500	-23.7996	59.8870	123.2001	0.0169	9.7611	70.1041
1176.0000	-23.7761	59.5049	123.2046	0.0173	9.7800	68.4895
1176.2500	-23.7853	59.7360	123.2092	0.0176	9.7931	68.8643
1176.5000	-23.8398	59.7807	123.2133	0.0178	9.7946	69.7728
1176.7500	-23.9435	59.5095	123.2173	0.0180	9.7870	69.7539
1177.0000	-24.0404	59.3414	123.2219	0.0182	9.7816	68.9045
1177.2500	-24.0706	60.0780	123.2268	0.0186	9.7841	68.2816
1177.5000	-24.0504	59.5896	123.2316	0.0192	9.7866	68.2473
1177.7500	-24.0260	59.4709	123.2361	0.0193	9.7818	68.2343
1178.0000	-23.9927	59.5156	123.2410	0.0184	9.7768	67.7910
1178.2500	-23.9349	59.9334	123.2464	0.0169	9.7811	67.3831
1178.5000	-23.8796	59.4893	123.2516	0.0162	9.7901	67.7303
1178.7500	-23.8565	59.7069	123.2560	0.0167	9.7932	69.0499
1179.0000	-23.8496	59.5171	123.2587	0.0176	9.7906	70.9275
1179.2500	-23.8304	59.8980	123.2607	0.0178	9.7959	72.4841
1179.5000	-23.8152	59.6683	123.2639	0.0173	9.8171	73.7630
1179.7500	-23.8255	59.8393	123.2696	0.0172	9.8402	76.0527
1180.0000	-23.8358	59.8255	123.2763	0.0186	9.8458	79.5849
1180.2500	-23.8376	59.2998	123.2821	0.0212	9.8338	82.8911
1180.5000	-23.8833	59.8823	123.2863	0.0230	9.8172	84.8242
1180.7500	-23.9996	60.1832	123.2904	0.0230	9.8030	85.8936
1181.0000	-24.1199	59.9055	123.2960	0.0221	9.7963	87.6589
1181.2500	-24.1631	59.6189	123.3030	0.0218	9.8157	90.9199
1181.5000	-24.1406	59.6512	123.3100	0.0223	9.8891	95.2526
1181.7500	-24.0978	59.7976	123.3157	0.0231	10.0212	100.8255
1182.0000	-24.0228	59.5125	123.3206	0.0232	10.1578	108.3294
1182.2500	-23.9125	59.4847	123.3257	0.0230	10.2051	116.3110
1182.5000	-23.8286	59.8116	123.3310	0.0232	10.1264	121.5677
1182.7500	-23.8093	59.7716	123.3366	0.0240	9.9877	122.7274
1183.0000	-23.8129	59.4571	123.3425	0.0244	9.8727	121.5898
1183.2500	-23.7934	59.5803	123.3490	0.0236	9.8082	121.1569
1183.5000	-23.7805	59.3877	123.3564	0.0223	9.7837	123.2860
1183.7500	-23.8151	59.4600	123.3637	0.0212	9.7827	127.4034
1184.0000	-23.8665	59.7699	123.3694	0.0202	9.7896	130.8004
1184.2500	-23.8975	60.0011	123.3729	0.0189	9.7937	131.4150
1184.5000	-23.9317	59.5125	123.3757	0.0173	9.7959	130.2234
1184.7500	-23.9956	59.5680	123.3789	0.0160	9.8034	129.3320
1185.0000	-24.0502	60.1045	123.3828	0.0161	9.8149	128.8259
1185.2500	-24.0323	59.6575	123.3868	0.0179	9.8203	127.7168

1185.5000	-23.9472	59.5696	123.3909	0.0207	9.8174	126.6765
1185.7500	-23.8543	60.0040	123.3957	0.0238	9.8145	127.0860
1186.0000	-23.7802	59.8269	123.4016	0.0274	9.8212	128.0756
1186.2500	-23.7248	59.3845	123.4087	0.0317	9.8523	127.2604
1186.5000	-23.7164	59.7992	123.4170	0.0361	9.9253	124.6046
1186.7500	-23.7824	59.7083	123.4264	0.0395	10.0278	122.7456
1187.0000	-23.8819	59.8499	123.4376	0.0415	10.0969	123.0034
1187.2500	-23.9401	59.6713	123.4502	0.0423	10.0764	124.1141
1187.5000	-23.9486	60.0799	123.4631	0.0422	9.9885	125.2478
1187.7500	-23.9543	59.7484	123.4747	0.0410	9.8991	126.8332
1188.0000	-23.9758	59.6344	123.4846	0.0385	9.8412	128.6935
1188.2500	-24.0031	59.7560	123.4934	0.0351	9.8085	130.3304
1188.5000	-24.0379	59.9966	123.5014	0.0320	9.7888	131.5227
1188.7500	-24.0789	59.6466	123.5084	0.0299	9.7788	130.8941
1189.0000	-24.0876	59.8084	123.5145	0.0290	9.7760	126.5151
1189.2500	-24.0233	59.9441	123.5205	0.0293	9.7731	118.7466
1189.5000	-23.9140	59.8178	123.5271	0.0305	9.7676	109.9482
1189.7500	-23.8238	59.3645	123.5345	0.0326	9.7646	101.7095
1190.0000	-23.7653	59.8918	123.5426	0.0347	9.7674	94.3858
1190.2500	-23.7260	60.2754	123.5519	0.0358	9.7722	88.2419
1190.5000	-23.7372	59.5958	123.5625	0.0355	9.7728	83.6777
1190.7500	-23.8319	59.5603	123.5737	0.0341	9.7703	80.6418
1191.0000	-23.9604	59.8209	123.5840	0.0321	9.7700	78.3002
1191.2500	-24.0345	59.7746	123.5921	0.0294	9.7718	75.8911
1191.5000	-24.0481	59.4308	123.5981	0.0258	9.7756	73.6945
1191.7500	-24.0511	59.8471	123.6027	0.0221	9.7827	72.1434
1192.0000	-24.0412	59.7806	123.6068	0.0198	9.7871	70.8807
1192.2500	-23.9895	59.3414	123.6106	0.0194	9.7840	69.8285
1192.5000	-23.9275	59.8977	123.6140	0.0203	9.7802	69.9383
1192.7500	-23.9152	59.7236	123.6179	0.0213	9.7817	71.8673
1193.0000	-23.9423	60.1058	123.6235	0.0224	9.7824	75.0862
1193.2500	-23.9422	59.5881	123.6309	0.0239	9.7773	79.0741
1193.5000	-23.8981	59.5540	123.6387	0.0262	9.7737	84.1945
1193.7500	-23.8479	59.8239	123.6454	0.0287	9.7769	90.7173
1194.0000	-23.8073	59.8410	123.6515	0.0306	9.7804	98.0528
1194.2500	-23.7708	59.7898	123.6584	0.0310	9.7785	105.2424
1194.5000	-23.7649	59.6112	123.6664	0.0308	9.7756	111.1156
1194.7500	-23.8148	59.6575	123.6753	0.0306	9.7759	114.3501
1195.0000	-23.8779	59.5326	123.6846	0.0305	9.7765	114.1302
1195.2500	-23.9079	59.7530	123.6930	0.0299	9.7781	110.3033
1195.5000	-23.9356	59.8548	123.7002	0.0287	9.7835	104.1541
1195.7500	-23.9844	59.7145	123.7067	0.0268	9.7872	99.0921
1196.0000	-23.9983	59.7853	123.7125	0.0242	9.7834	97.9559
1196.2500	-23.9321	59.8285	123.7182	0.0222	9.7777	99.8472
1196.5000	-23.8323	59.6697	123.7239	0.0218	9.7754	101.7794
1196.7500	-23.7723	59.7544	123.7290	0.0229	9.7744	102.9991
1197.0000	-23.7499	59.6173	123.7331	0.0246	9.7759	105.2984
1197.2500	-23.7302	59.7067	123.7374	0.0262	9.7848	109.2790
1197.5000	-23.7305	59.8191	123.7437	0.0274	9.7971	113.3066
1197.7500	-23.7719	59.5588	123.7524	0.0289	9.8056	115.6494
1198.0000	-23.8221	59.8054	123.7618	0.0309	9.8100	116.2835
1198.2500	-23.8463	59.8100	123.7706	0.0330	9.8159	117.7691
1198.5000	-23.8635	59.6603	123.7787	0.0347	9.8254	122.9156
1198.7500	-23.9132	59.6651	123.7868	0.0357	9.8320	130.6822
1199.0000	-23.9816	59.9872	123.7949	0.0366	9.8290	137.0785
1199.2500	-24.0183	59.6250	123.8034	0.0379	9.8201	140.2976
1199.5000	-24.0092	59.7547	123.8131	0.0392	9.8140	142.5374

1199.7500	-23.9658	59.6081	123.8239	0.0399	9.8141	146.5264
1200.0000	-23.8836	59.6435	123.8350	0.0394	9.8208	152.7156
1200.2500	-23.7698	59.3522	123.8463	0.0373	9.8307	160.1761
1200.5000	-23.6840	59.5541	123.8572	0.0339	9.8351	167.7530
1200.7500	-23.6846	59.5556	123.8666	0.0299	9.8303	173.6688
1201.0000	-23.7444	59.5911	123.8736	0.0269	9.8260	175.8050
1201.2500	-23.7996	59.7731	123.8781	0.0249	9.8302	174.0832
1201.5000	-23.8439	59.9393	123.8808	0.0235	9.8351	171.1656
1201.7500	-23.8910	59.8732	123.8837	0.0228	9.8319	169.5008
1202.0000	-23.9177	59.8746	123.8888	0.0239	9.8271	169.2973
1202.2500	-23.9106	59.7330	123.8961	0.0275	9.8299	169.4377
1202.5000	-23.9126	59.8886	123.9043	0.0326	9.8372	168.8600
1202.7500	-23.9607	59.6651	123.9123	0.0372	9.8440	167.6234
1203.0000	-24.0079	59.7439	123.9214	0.0398	9.8538	167.0001
1203.2500	-23.9899	60.0244	123.9330	0.0401	9.8664	168.1632
1203.5000	-23.9272	59.9365	123.9460	0.0393	9.8738	170.8156
1203.7500	-23.8730	59.8441	123.9582	0.0380	9.8765	173.7530
1204.0000	-23.8255	59.9829	123.9684	0.0359	9.8820	176.2371
1204.2500	-23.7618	60.1231	123.9764	0.0330	9.8922	177.9192
1204.5000	-23.7160	59.9055	123.9829	0.0304	9.9045	178.8338
1204.7500	-23.7493	59.4493	123.9882	0.0294	9.9182	179.5647
1205.0000	-23.8434	59.6064	123.9932	0.0301	9.9310	180.2009
1205.2500	-23.9273	60.0984	123.9991	0.0316	9.9349	179.4406
1205.5000	-23.9860	59.6835	124.0069	0.0326	9.9262	175.5429
1205.7500	-24.0326	59.7084	124.0169	0.0329	9.9139	168.6059
1206.0000	-24.0408	59.8301	124.0286	0.0326	9.9082	161.6658
1206.2500	-23.9880	60.1551	124.0397	0.0316	9.9088	158.3196
1206.5000	-23.9118	59.5434	124.0481	0.0294	9.9107	158.6896
1206.7500	-23.8648	59.5834	124.0539	0.0269	9.9115	158.9467
1207.0000	-23.8401	60.0657	124.0584	0.0249	9.9117	155.6381
1207.2500	-23.8017	60.2046	124.0622	0.0248	9.9118	149.3042
1207.5000	-23.7580	59.7500	124.0658	0.0269	9.9118	143.0947
1207.7500	-23.7366	59.9611	124.0707	0.0299	9.9117	139.7119
1208.0000	-23.7284	59.8748	124.0784	0.0321	9.9115	140.8796
1208.2500	-23.7065	59.8672	124.0892	0.0336	9.9106	147.2028
1208.5000	-23.6927	59.7714	124.1019	0.0351	9.9081	157.3558
1208.7500	-23.7413	59.7376	124.1137	0.0363	9.9045	169.1226
1209.0000	-23.8357	59.7605	124.1226	0.0356	9.9027	181.1928
1209.2500	-23.9065	59.6482	124.1293	0.0329	9.9045	193.8050
1209.5000	-23.9430	59.5973	124.1360	0.0294	9.9082	207.6844
1209.7500	-23.9770	60.0258	124.1432	0.0270	9.9113	221.9364
1210.0000	-23.9996	59.8688	124.1496	0.0264	9.9151	235.0759
1210.2500	-23.9729	60.3108	124.1550	0.0269	9.9226	247.4777
1210.5000	-23.8990	60.1397	124.1608	0.0275	9.9343	259.3652
1210.7500	-23.8214	59.6235	124.1677	0.0279	9.9466	269.0695
1211.0000	-23.7595	59.7050	124.1753	0.0284	9.9583	275.3071
1211.2500	-23.7166	60.0026	124.1830	0.0293	9.9690	277.6358
1211.5000	-23.7271	59.9196	124.1910	0.0300	9.9756	274.7946
1211.7500	-23.8082	59.8622	124.1990	0.0302	9.9780	266.1829
1212.0000	-23.9009	59.6096	124.2065	0.0300	9.9801	255.7458
1212.2500	-23.9335	59.9288	124.2135	0.0297	9.9821	251.2256
1212.5000	-23.9233	59.4786	124.2208	0.0292	9.9904	256.9170
1212.7500	-23.9431	59.5740	124.2282	0.0287	10.0217	270.8766
1213.0000	-24.0090	59.7005	124.2353	0.0286	10.0922	288.7590
1213.2500	-24.0876	60.1909	124.2424	0.0285	10.2058	304.1023
1213.5000	-24.1664	59.4848	124.2494	0.0284	10.3446	308.8820
1213.7500	-24.2205	59.6960	124.2565	0.0281	10.4779	299.4126

1214.0000	-24.1837	59.6990	124.2637	0.0274	10.5761	278.4318
1214.2500	-24.0376	59.9688	124.2706	0.0263	10.6009	251.2822
1214.5000	-23.8688	59.6526	124.2776	0.0251	10.5241	223.7016
1214.7500	-23.7772	59.3814	124.2844	0.0241	10.3867	201.4809
1215.0000	-23.7701	59.6497	124.2901	0.0234	10.2719	188.3927
1215.2500	-23.8053	59.5957	124.2949	0.0231	10.2020	184.2345
1215.5000	-23.8779	59.7514	124.2996	0.0233	10.1349	185.1564
1215.7500	-23.9834	59.7575	124.3047	0.0238	10.0515	185.9746
1216.0000	-24.0584	60.0272	124.3104	0.0242	9.9745	183.9612
1216.2500	-24.0459	59.7067	124.3169	0.0241	9.9198	179.8710
1216.5000	-23.9896	59.4169	124.3243	0.0230	9.8803	175.3471
1216.7500	-23.9841	59.5526	124.3319	0.0213	9.8482	171.9267
1217.0000	-24.0390	59.6774	124.3386	0.0201	9.8255	170.7742
1217.2500	-24.0776	59.3907	124.3432	0.0192	9.8141	171.2461
1217.5000	-24.0548	59.5710	124.3456	0.0181	9.8098	171.7758
1217.7500	-23.9905	59.7283	124.3474	0.0163	9.8073	171.6292
1218.0000	-23.9044	59.5526	124.3505	0.0145	9.8049	171.1970
1218.2500	-23.7958	59.6405	124.3553	0.0136	9.8037	172.1208
1218.5000	-23.7022	59.9134	124.3604	0.0136	9.8049	175.0490
1218.7500	-23.6913	59.7638	124.3645	0.0139	9.8071	177.3244
1219.0000	-23.7661	59.6543	124.3676	0.0139	9.8081	175.9360
1219.2500	-23.8701	60.0565	124.3703	0.0129	9.8059	170.4604
1219.5000	-23.9750	59.6636	124.3728	0.0113	9.7985	162.3943
1219.7500	-24.0703	60.0149	124.3753	0.0102	9.7880	154.3623
1220.0000	-24.1117	59.4923	124.3782	0.0100	9.7825	148.4126
1220.2500	-24.0663	59.8116	124.3811	0.0106	9.7878	144.0908
1220.5000	-23.9832	59.8978	124.3831	0.0117	9.7977	140.7631
1220.7500	-23.9417	59.6665	124.3849	0.0129	9.8035	140.6151
1221.0000	-23.9412	59.6202	124.3875	0.0139	9.8041	145.2809
1221.2500	-23.9276	59.7252	124.3914	0.0146	9.8036	152.2561
1221.5000	-23.8906	59.8132	124.3961	0.0156	9.8048	157.5610
1221.7500	-23.8522	59.8116	124.4011	0.0168	9.8070	158.5221
1222.0000	-23.8121	59.9949	124.4060	0.0177	9.8081	154.0586
1222.2500	-23.7659	59.7793	124.4103	0.0175	9.8070	145.3779
1222.5000	-23.7459	59.6020	124.4142	0.0165	9.8048	135.8494
1222.7500	-23.7937	59.9239	124.4185	0.0156	9.8037	128.9941
1223.0000	-23.8907	59.6327	124.4230	0.0153	9.8049	126.3656
1223.2500	-23.9780	59.8240	124.4265	0.0154	9.8072	126.7337
1223.5000	-24.0376	59.6479	124.4291	0.0152	9.8089	127.5356
1223.7500	-24.0852	59.3922	124.4323	0.0142	9.8095	127.2529
1224.0000	-24.1015	59.7807	124.4366	0.0128	9.8097	125.6281
1224.2500	-24.0499	59.7237	124.4411	0.0121	9.8098	122.6980
1224.5000	-23.9559	59.7944	124.4447	0.0121	9.8105	119.1429
1224.7500	-23.8850	59.8054	124.4470	0.0120	9.8134	116.7210
1225.0000	-23.8446	59.7807	124.4487	0.0113	9.8209	117.2541
1225.2500	-23.8041	59.4294	124.4507	0.0100	9.8315	120.9382
1225.5000	-23.7821	59.5618	124.4533	0.0093	9.8375	125.9208
1225.7500	-23.8155	59.6620	124.4564	0.0099	9.8348	129.9766
1226.0000	-23.8701	59.4955	124.4591	0.0115	9.8330	132.1178
1226.2500	-23.8755	59.4570	124.4612	0.0132	9.8443	132.2269
1226.5000	-23.8472	59.8531	124.4634	0.0147	9.8690	130.1709
1226.7500	-23.8692	60.0058	124.4668	0.0163	9.8972	126.5004
1227.0000	-23.9555	59.5619	124.4716	0.0186	9.9178	123.1299
1227.2500	-24.0518	59.8331	124.4770	0.0213	9.9263	122.1187
1227.5000	-24.1401	59.9994	124.4827	0.0235	9.9284	124.3484
1227.7500	-24.2188	59.9087	124.4891	0.0246	9.9334	128.6210
1228.0000	-24.2382	59.6328	124.4964	0.0247	9.9513	132.0153

1228.2500	-24.1534	59.9979	124.5038	0.0246	10.0021	132.8938
1228.5000	-24.0088	59.5957	124.5105	0.0243	10.0911	131.9719
1228.7500	-23.8894	59.6790	124.5160	0.0237	10.1647	130.5063
1229.0000	-23.8127	59.5635	124.5210	0.0227	10.1538	129.7240
1229.2500	-23.7600	59.9349	124.5261	0.0213	10.0674	131.0228
1229.5000	-23.7538	59.8409	124.5313	0.0202	9.9760	135.8475
1229.7500	-23.8051	59.6945	124.5366	0.0196	9.9204	144.3941
1230.0000	-23.8621	59.7099	124.5417	0.0186	9.8939	153.9151
1230.2500	-23.8782	59.5387	124.5464	0.0170	9.8851	160.9153
1230.5000	-23.8797	59.7376	124.5510	0.0155	9.8901	164.8901
1230.7500	-23.9176	59.1872	124.5552	0.0145	9.9007	167.5455
1231.0000	-23.9787	59.6173	124.5582	0.0140	9.9089	169.7983
1231.2500	-24.0097	59.7637	124.5601	0.0142	9.9148	171.3532
1231.5000	-24.0044	59.7732	124.5623	0.0147	9.9236	171.4159
1231.7500	-23.9905	59.6281	124.5655	0.0156	9.9373	168.7871
1232.0000	-23.9543	59.8438	124.5696	0.0172	9.9506	163.4234
1232.2500	-23.8597	59.7313	124.5747	0.0195	9.9582	158.2711
1232.5000	-23.7424	59.6312	124.5804	0.0216	9.9609	156.9458
1232.7500	-23.6891	59.8131	124.5863	0.0231	9.9650	159.3298
1233.0000	-23.7148	59.8870	124.5925	0.0238	9.9762	162.1017
1233.2500	-23.7733	59.5697	124.5991	0.0239	9.9919	163.7019
1233.5000	-23.8612	59.6651	124.6056	0.0238	10.0035	165.8752
1233.7500	-23.9907	60.1042	124.6116	0.0238	10.0065	170.0138
1234.0000	-24.0991	59.9626	124.6173	0.0239	10.0037	174.5178
1234.2500	-24.1055	60.0260	124.6226	0.0239	10.0016	176.7969
1234.5000	-24.0423	59.7884	124.6280	0.0241	10.0034	176.3661
1234.7500	-24.0138	60.1058	124.6339	0.0243	10.0052	174.4843
1235.0000	-24.0316	60.1212	124.6403	0.0249	10.0011	171.7667
1235.2500	-24.0227	59.7100	124.6470	0.0258	9.9918	167.9170
1235.5000	-23.9682	59.8115	124.6537	0.0265	9.9867	163.5503
1235.7500	-23.9123	59.7513	124.6603	0.0268	9.9921	160.7214
1236.0000	-23.8734	59.5234	124.6671	0.0265	10.0027	160.6664
1236.2500	-23.8385	59.8669	124.6742	0.0261	10.0105	162.2113
1236.5000	-23.8230	59.8548	124.6811	0.0261	10.0147	163.5643
1236.7500	-23.8473	59.6514	124.6875	0.0267	10.0187	164.2977
1237.0000	-23.8829	59.6219	124.6934	0.0268	10.0235	164.7554
1237.2500	-23.9032	59.7438	124.6992	0.0257	10.0259	164.6342
1237.5000	-23.9354	59.4894	124.7059	0.0239	10.0236	162.4188
1237.7500	-24.0091	59.6773	124.7137	0.0222	10.0196	156.5703
1238.0000	-24.0963	59.7930	124.7207	0.0213	10.0192	148.2883
1238.2500	-24.1412	59.7160	124.7257	0.0212	10.0254	141.5501
1238.5000	-24.1315	59.6282	124.7289	0.0214	10.0357	139.0518
1238.7500	-24.0901	59.4493	124.7319	0.0212	10.0410	139.9081
1239.0000	-24.0256	59.6404	124.7359	0.0209	10.0356	141.4674
1239.2500	-23.9458	59.8792	124.7416	0.0213	10.0251	142.0237
1239.5000	-23.8832	59.2920	124.7487	0.0225	10.0179	142.2864
1239.7500	-23.8635	59.6820	124.7560	0.0241	10.0163	144.5903
1240.0000	-23.8729	60.3263	124.7626	0.0255	10.0189	150.6460
1240.2500	-23.8868	59.5309	124.7683	0.0260	10.0235	160.1390
1240.5000	-23.9166	59.9933	124.7739	0.0255	10.0260	170.1609
1240.7500	-23.9741	59.6636	124.7802	0.0246	10.0243	177.0635
1241.0000	-24.0262	59.5634	124.7869	0.0244	10.0225	181.2152
1241.2500	-24.0516	59.5588	124.7936	0.0248	10.0267	186.1975
1241.5000	-24.0826	59.6171	124.7997	0.0248	10.0359	191.8694
1241.7500	-24.1457	59.8717	124.8053	0.0239	10.0411	194.8716
1242.0000	-24.2000	59.8855	124.8113	0.0227	10.0357	195.3133
1242.2500	-24.1811	59.6621	124.8178	0.0221	10.0258	195.7895

1242.5000	-24.0916	59.6790	124.8236	0.0225	10.0212	196.9735
1242.7500	-23.9864	59.5079	124.8280	0.0237	10.0258	198.4026
1243.0000	-23.8903	59.6004	124.8322	0.0248	10.0358	199.6106
1243.2500	-23.8053	59.7344	124.8377	0.0251	10.0414	199.7640
1243.5000	-23.7577	59.8548	124.8447	0.0253	10.0372	198.6614
1243.7500	-23.7740	59.5603	124.8527	0.0257	10.0300	196.4623
1244.0000	-23.8341	59.4648	124.8608	0.0262	10.0272	192.6513
1244.2500	-23.8943	60.1925	124.8681	0.0257	10.0268	187.3909
1244.5000	-23.9433	59.8099	124.8741	0.0243	10.0244	181.9864
1244.7500	-23.9827	59.5265	124.8794	0.0224	10.0225	177.2060
1245.0000	-23.9928	59.7438	124.8845	0.0208	10.0267	172.7813
1245.2500	-23.9784	59.5819	124.8892	0.0199	10.0359	168.7850
1245.5000	-23.9890	59.8453	124.8934	0.0199	10.0411	166.4751
1245.7500	-24.0437	59.9024	124.8976	0.0200	10.0357	166.3520
1246.0000	-24.0898	59.6836	124.9023	0.0199	10.0261	166.1239
1246.2500	-24.0695	59.6744	124.9080	0.0198	10.0236	162.9127
1246.5000	-23.9957	59.6927	124.9139	0.0197	10.0401	156.5853
1246.7500	-23.9122	59.7159	124.9194	0.0195	10.0942	149.6591
1247.0000	-23.8270	59.5633	124.9243	0.0189	10.2110	145.2390
1247.2500	-23.7564	59.9165	124.9288	0.0176	10.3935	145.0826
1247.5000	-23.7614	59.4863	124.9329	0.0160	10.5854	148.9032
1247.7500	-23.8688	59.8486	124.9366	0.0147	10.6924	154.7119
1248.0000	-24.0112	59.8563	124.9401	0.0142	10.6656	159.6278
1248.2500	-24.1042	59.8361	124.9431	0.0147	10.5338	161.7871
1248.5000	-24.1453	59.2874	124.9459	0.0158	10.3639	161.6076
1248.7500	-24.1744	59.5772	124.9489	0.0169	10.2196	160.4211
1249.0000	-24.1883	59.7268	124.9528	0.0173	10.1330	158.7531
1249.2500	-24.1652	59.7377	124.9581	0.0174	10.1009	156.3381
1249.5000	-24.1112	59.5834	124.9645	0.0176	10.1040	152.8677
1249.7500	-24.0451	60.0382	124.9703	0.0175	10.1168	148.7369
1250.0000	-23.9750	59.7669	124.9746	0.0173	10.1162	144.8888
1250.2500	-23.9097	59.7728	124.9779	0.0169	10.1001	141.6619
1250.5000	-23.8750	59.8732	124.9810	0.0163	10.0878	139.3013
1250.7500	-23.8819	59.7623	124.9840	0.0160	10.0917	139.1071
1251.0000	-23.9009	59.3383	124.9874	0.0163	10.1035	142.3865
1251.2500	-23.9151	59.4647	124.9918	0.0164	10.1122	148.7798
1251.5000	-23.9576	59.7175	124.9971	0.0162	10.1171	155.7431
1251.7500	-24.0548	59.7500	125.0024	0.0158	10.1260	160.1535
1252.0000	-24.1649	59.4370	125.0071	0.0154	10.1514	161.2091
1252.2500	-24.2260	59.6928	125.0108	0.0151	10.1999	160.5726
1252.5000	-24.2432	59.5956	125.0135	0.0152	10.2541	159.1044
1252.7500	-24.2454	59.8685	125.0157	0.0154	10.2803	155.6347
1253.0000	-24.2077	59.3476	125.0182	0.0154	10.2672	149.4423
1253.2500	-24.1103	59.7930	125.0220	0.0151	10.2384	141.8075
1253.5000	-23.9976	59.8052	125.0274	0.0146	10.2226	135.0690
1253.7500	-23.9248	59.7343	125.0332	0.0143	10.2341	131.0981
1254.0000	-23.8973	59.3722	125.0379	0.0141	10.2624	130.2788
1254.2500	-23.8937	59.9670	125.0409	0.0136	10.2661	131.2496
1254.5000	-23.9179	59.4139	125.0427	0.0126	10.2161	132.2003
1254.7500	-23.9742	59.6450	125.0443	0.0113	10.1442	132.9124
1255.0000	-24.0262	59.8298	125.0464	0.0103	10.1102	134.4500
1255.2500	-24.0516	59.9226	125.0493	0.0103	10.1306	136.3674
1255.5000	-24.0828	59.4601	125.0527	0.0114	10.1685	136.4969
1255.7500	-24.1470	59.4679	125.0558	0.0128	10.1876	134.2753
1256.0000	-24.2067	60.2109	125.0585	0.0139	10.2000	131.0085
1256.2500	-24.2042	59.9303	125.0615	0.0144	10.2449	126.9180
1256.5000	-24.1465	59.7485	125.0654	0.0144	10.3210	121.5952

1256.7500	-24.0801	59.4955	125.0699	0.0142	10.3665	116.8188
1257.0000	-24.0105	59.9210	125.0741	0.0136	10.3242	115.6095
1257.2500	-23.9255	60.0969	125.0780	0.0124	10.2167	118.5117
1257.5000	-23.8514	59.6914	125.0816	0.0108	10.1215	123.6139
1257.7500	-23.8289	59.9611	125.0842	0.0096	10.0818	129.7832
1258.0000	-23.8574	59.8193	125.0857	0.0090	10.0765	136.9894
1258.2500	-23.9023	59.7745	125.0864	0.0088	10.0672	144.5700
1258.5000	-23.9510	59.6019	125.0871	0.0084	10.0478	151.6895
1258.7500	-24.0037	60.0598	125.0891	0.0078	10.0444	158.1892
1259.0000	-24.0370	59.4123	125.0922	0.0074	10.0785	163.7154
1259.2500	-24.0404	59.5571	125.0956	0.0074	10.1325	167.6299
1259.5000	-24.0509	59.6928	125.0983	0.0078	10.1546	169.5302
1259.7500	-24.1018	59.5325	125.0999	0.0078	10.1121	169.4140
1260.0000	-24.1582	59.7297	125.1005	0.0063	10.0296	168.4818
1260.2500	-24.1544	59.4016	125.1012	0.0036	9.9537	168.2795
1260.5000	-24.0935	60.0580	125.1028	0.0024	9.9014	168.5003
1260.7500	-24.0200	59.6914	125.1047	0.0044	9.8617	167.8111
1261.0000	-23.9305	59.8025	125.1048	0.0080	9.8261	166.0270
1261.2500	-23.8230	59.6543	125.1029	0.0106	9.8003	163.5388
1261.5000	-23.7614	59.6990	125.1031	0.0113	9.7878	160.2861
1261.7500	-23.8022	59.4740	125.1086	0.0115	9.7843	156.0636
1262.0000	-23.9076	59.4941	125.1166	0.0132	9.7870	150.9062
1262.2500	-23.9953	59.6944	125.1224	0.0161	9.7942	145.6069
1262.5000	-24.0423	59.7700	125.1253	0.0177	9.8014	141.3107
1262.7500	-24.0744	59.7130	125.1278	0.0162	9.8057	138.6956
1263.0000	-24.0947	59.8995	125.1312	0.0133	9.8062	138.2016
1263.2500	-24.0903	59.9099	125.1351	0.0110	9.8048	139.5499
1263.5000	-24.0721	59.5280	125.1385	0.0096	9.8057	140.7517
1263.7500	-24.0590	59.7049	125.1411	0.0087	9.8158	139.5457
1264.0000	-24.0390	60.1890	125.1432	0.0083	9.8391	135.5764
1264.2500	-23.9860	60.1877	125.1443	0.0084	9.8707	130.9709
1264.5000	-23.9124	59.6853	125.1445	0.0088	9.8993	129.4409
1264.7500	-23.8571	59.5202	125.1452	0.0088	9.9172	133.3572
1265.0000	-23.8302	60.0042	125.1477	0.0086	9.9220	140.9836
1265.2500	-23.8252	59.8101	125.1520	0.0089	9.9157	148.1961
1265.5000	-23.8662	59.5989	125.1561	0.0105	9.9049	152.6526
1265.7500	-23.9807	59.7883	125.1587	0.0124	9.8932	154.9608
1266.0000	-24.1255	59.7885	125.1603	0.0135	9.8777	157.1742
1266.2500	-24.2162	59.7560	125.1621	0.0134	9.8566	160.6783
1266.5000	-24.2367	59.7855	125.1654	0.0128	9.8313	164.5870
1266.7500	-24.2264	59.7962	125.1700	0.0125	9.8043	166.8522
1267.0000	-24.1845	59.7005	125.1746	0.0125	9.7844	167.1370
1267.2500	-24.0897	59.5295	125.1787	0.0124	9.7762	167.1681
1267.5000	-23.9827	59.5156	125.1817	0.0119	9.7668	167.8743
1267.7500	-23.9344	59.8841	125.1837	0.0112	9.7424	168.2258
1268.0000	-23.9393	59.4292	125.1852	0.0107	9.7102	167.2916
1268.2500	-23.9350	59.4617	125.1869	0.0107	9.6870	165.6303
1268.5000	-23.9160	59.7329	125.1892	0.0109	9.6761	164.0304
1268.7500	-23.9239	59.7221	125.1923	0.0115	9.6728	161.8411
1269.0000	-23.9609	59.7038	125.1961	0.0121	9.6737	157.8499
1269.2500	-24.0049	59.7589	125.2000	0.0132	9.6750	152.3897
1269.5000	-24.0636	60.1397	125.2036	0.0142	9.6788	147.9677
1269.7500	-24.1526	59.9655	125.2066	0.0144	9.6900	147.4756
1270.0000	-24.2450	59.9179	125.2095	0.0135	9.7011	151.1891
1270.2500	-24.2910	59.6267	125.2133	0.0123	9.6981	156.7222
1270.5000	-24.2813	59.6682	125.2176	0.0118	9.6776	161.8370
1270.7500	-24.2389	59.8008	125.2211	0.0121	9.6471	166.1920

1271.0000	-24.1702	59.5203	125.2231	0.0123	9.6153	171.0219
1271.2500	-24.0793	59.5280	125.2246	0.0115	9.5933	176.9397
1271.5000	-24.0001	59.7592	125.2273	0.0098	9.5864	182.8558
1271.7500	-23.9682	59.9315	125.2309	0.0075	9.5852	188.1140
1272.0000	-23.9746	59.3321	125.2341	0.0051	9.5805	192.7641
1272.2500	-23.9884	59.7869	125.2362	0.0042	9.5769	195.4356
1272.5000	-24.0210	59.4863	125.2371	0.0058	9.5800	194.9662
1272.7500	-24.0887	59.6974	125.2360	0.0086	9.5832	193.1977
1273.0000	-24.1488	59.7544	125.2332	0.0107	9.5800	192.9354
1273.2500	-24.1634	59.7669	125.2329	0.0122	9.5769	194.8909
1273.5000	-24.1676	59.9288	125.2388	0.0136	9.5804	198.4194
1273.7500	-24.2157	59.7500	125.2480	0.0160	9.5844	202.8256
1274.0000	-24.2860	59.5620	125.2556	0.0193	9.5824	207.4860
1274.2500	-24.2970	59.6296	125.2607	0.0214	9.5798	212.0432
1274.5000	-24.2241	59.8440	125.2644	0.0203	9.5824	216.4736
1274.7500	-24.1114	59.5418	125.2680	0.0174	9.5846	221.4177
1275.0000	-23.9875	59.4539	125.2719	0.0151	9.5814	227.4817
1275.2500	-23.8734	59.6158	125.2758	0.0142	9.5820	234.1478
1275.5000	-23.8248	59.3337	125.2794	0.0140	9.5980	240.8243
1275.7500	-23.8800	59.4847	125.2827	0.0140	9.6251	246.9483
1276.0000	-23.9924	59.5587	125.2859	0.0139	9.6439	250.3914
1276.2500	-24.0831	59.7037	125.2891	0.0136	9.6357	249.0822
1276.5000	-24.1435	59.8361	125.2924	0.0133	9.6022	244.3943
1276.7500	-24.1943	59.6205	125.2960	0.0132	9.5665	240.0568
1277.0000	-24.2100	59.7900	125.2997	0.0137	9.5487	237.4209
1277.2500	-24.1889	59.7962	125.3031	0.0147	9.5476	235.1799
1277.5000	-24.1906	59.7331	125.3061	0.0158	9.5499	234.1719
1277.7500	-24.2346	59.8345	125.3092	0.0166	9.5481	238.0988
1278.0000	-24.2568	59.7129	125.3132	0.0172	9.5438	248.8875
1278.2500	-24.2054	60.1412	125.3184	0.0178	9.5432	263.7470
1278.5000	-24.1176	59.6267	125.3240	0.0188	9.5469	276.6273
1278.7500	-24.0521	59.7453	125.3293	0.0195	9.5489	282.9194
1279.0000	-24.0037	59.7037	125.3340	0.0196	9.5457	283.5478
1279.2500	-23.9566	59.8949	125.3388	0.0187	9.5408	283.7633
1279.5000	-23.9513	59.7963	125.3436	0.0174	9.5408	287.4680
1279.7500	-24.0325	59.5202	125.3482	0.0164	9.5456	293.8515
1280.0000	-24.1674	59.9146	125.3523	0.0156	9.5485	299.4958
1280.2500	-24.2763	60.1705	125.3558	0.0147	9.5456	300.9918
1280.5000	-24.3310	59.5187	125.3588	0.0135	9.5408	295.0005
1280.7500	-24.3544	59.7729	125.3620	0.0125	9.5410	279.2488
1281.0000	-24.3505	59.6050	125.3653	0.0126	9.5473	255.9486
1281.2500	-24.3109	59.9073	125.3683	0.0140	9.5570	232.3326
1281.5000	-24.2532	59.8811	125.3706	0.0154	9.5741	215.5296
1281.7500	-24.2078	59.4864	125.3731	0.0155	9.6042	207.7003
1282.0000	-24.1749	59.7283	125.3775	0.0146	9.6357	206.3354
1282.2500	-24.1266	59.9641	125.3838	0.0138	9.6417	207.7648
1282.5000	-24.0660	59.7852	125.3895	0.0139	9.6161	210.1221
1282.7500	-24.0346	59.2858	125.3930	0.0150	9.5831	213.2803
1283.0000	-24.0515	59.5247	125.3946	0.0154	9.5632	216.0797
1283.2500	-24.1019	59.6451	125.3958	0.0146	9.5562	215.9537
1283.5000	-24.1814	59.4987	125.3985	0.0138	9.5548	212.8653
1283.7500	-24.2973	59.8978	125.4031	0.0140	9.5549	209.8585
1284.0000	-24.4085	59.2011	125.4082	0.0153	9.5557	209.1775
1284.2500	-24.4411	60.0613	125.4129	0.0170	9.5569	210.2733
1284.5000	-24.3967	59.6112	125.4171	0.0182	9.5575	210.4431
1284.7500	-24.3398	59.6143	125.4210	0.0181	9.5569	207.4555
1285.0000	-24.2764	59.5203	125.4251	0.0170	9.5557	202.2640

1285.2500	-24.1776	59.8499	125.4298	0.0154	9.5546	198.5331
1285.5000	-24.0754	59.7392	125.4348	0.0135	9.5528	199.0527
1285.7500	-24.0177	59.4648	125.4392	0.0115	9.5488	203.3821
1286.0000	-23.9839	59.3476	125.4423	0.0099	9.5439	209.7621
1286.2500	-23.9287	60.1675	125.4438	0.0089	9.5433	216.3957
1286.5000	-23.8836	59.8207	125.4441	0.0087	9.5476	220.7833
1286.7500	-23.9256	59.7886	125.4440	0.0090	9.5519	221.6502
1287.0000	-24.0441	59.8145	125.4449	0.0097	9.5539	220.9804
1287.2500	-24.1561	59.9534	125.4477	0.0108	9.5544	222.3516
1287.5000	-24.2322	59.6172	125.4523	0.0122	9.5545	227.7941
1287.7500	-24.2923	59.6420	125.4572	0.0133	9.5545	236.5272
1288.0000	-24.3282	59.5758	125.4616	0.0136	9.5542	245.8820
1288.2500	-24.3144	59.6804	125.4654	0.0131	9.5528	253.1564
1288.5000	-24.2618	60.0132	125.4686	0.0119	9.5494	257.5459
1288.7500	-24.2036	59.8317	125.4707	0.0106	9.5468	259.6158
1289.0000	-24.1481	59.8792	125.4721	0.0092	9.5508	259.6881
1289.2500	-24.0894	59.7575	125.4738	0.0079	9.5581	258.9445
1289.5000	-24.0386	59.5757	125.4762	0.0073	9.5573	259.8629
1289.7500	-24.0061	59.5896	125.4783	0.0082	9.5485	263.1540
1290.0000	-23.9844	59.6622	125.4799	0.0102	9.5438	266.6756
1290.2500	-23.9708	59.5803	125.4813	0.0119	9.5470	269.2472
1290.5000	-23.9906	60.0366	125.4833	0.0122	9.5517	272.3014
1290.7500	-24.0689	59.5788	125.4870	0.0115	9.5542	276.8489
1291.0000	-24.1745	59.4601	125.4925	0.0111	9.5556	282.8421
1291.2500	-24.2387	59.8868	125.4976	0.0114	9.5569	292.0678
1291.5000	-24.2282	60.1366	125.5005	0.0119	9.5575	309.1543
1291.7500	-24.1504	59.3938	125.5014	0.0117	9.5569	338.4210
1292.0000	-24.0064	59.6637	125.5021	0.0111	9.5558	379.2511
1292.2500	-23.8015	59.6943	125.5041	0.0107	9.5553	425.1806
1292.5000	-23.5924	59.6189	125.5070	0.0114	9.5558	466.0522
1292.7500	-23.4469	59.8484	125.5105	0.0126	9.5569	489.5222
1293.0000	-23.3601	59.7684	125.5146	0.0131	9.5575	487.3693
1293.2500	-23.3005	59.4247	125.5190	0.0124	9.5570	464.8620
1293.5000	-23.2954	59.5803	125.5233	0.0117	9.5564	436.4147
1293.7500	-23.3736	59.7269	125.5266	0.0118	9.5579	411.2522
1294.0000	-23.4900	59.3245	125.5282	0.0125	9.5628	389.4355
1294.2500	-23.5812	59.8887	125.5289	0.0131	9.5682	368.6470
1294.5000	-23.6407	59.7145	125.5305	0.0134	9.5685	350.2242
1294.7500	-23.6822	59.5758	125.5341	0.0139	9.5639	337.9659
1295.0000	-23.6914	59.6063	125.5396	0.0152	9.5599	332.1210
1295.2500	-23.6716	59.6882	125.5452	0.0165	9.5582	328.5444
1295.5000	-23.6646	59.9208	125.5500	0.0171	9.5570	323.2610
1295.7500	-23.6820	59.6266	125.5544	0.0167	9.5558	314.7620
1296.0000	-23.6723	59.6142	125.5586	0.0153	9.5554	303.6762
1296.2500	-23.5915	59.6743	125.5619	0.0134	9.5565	291.7690
1296.5000	-23.4774	60.0102	125.5647	0.0115	9.5599	280.4859
1296.7500	-23.4045	59.8238	125.5676	0.0098	9.5657	270.6440
1297.0000	-23.3910	59.7700	125.5703	0.0083	9.5704	263.3714
1297.2500	-23.4131	59.8332	125.5720	0.0076	9.5686	259.8418
1297.5000	-23.4664	59.5095	125.5731	0.0077	9.5596	259.2687
1297.7500	-23.5595	59.8085	125.5741	0.0081	9.5460	259.3981
1298.0000	-23.6683	59.5989	125.5753	0.0087	9.5276	260.6767
1298.2500	-23.7479	59.5588	125.5771	0.0100	9.5036	268.1693
1298.5000	-23.7835	59.7761	125.5801	0.0119	9.4762	288.3134
1298.7500	-23.7812	59.7005	125.5837	0.0137	9.4544	323.3831
1299.0000	-23.7223	59.5573	125.5877	0.0145	9.4495	368.8390
1299.2500	-23.5922	60.0118	125.5920	0.0141	9.4620	413.1286

1299.5000	-23.4466	59.6944	125.5968	0.0133	9.4806	438.6340
1299.7500	-23.3676	59.4756	125.6014	0.0132	9.4922	429.9190
1300.0000	-23.3553	60.0627	125.6044	0.0134	9.4937	385.1314
1300.2500	-23.3558	59.5064	125.6053	0.0129	9.4911	317.4552
1300.5000	-23.3646	59.8683	125.6066	0.0118	9.4870	247.0326
1300.7500	-23.4098	59.6790	125.6100	0.0107	9.4800	192.2694
1301.0000	-23.4809	59.7898	125.6144	0.0108	9.4746	165.0643
1301.2500	-23.5377	59.8810	125.6179	0.0125	9.4738	169.0354
1301.5000	-23.5739	59.9254	125.6204	0.0149	9.4734	199.8997
1301.7500	-23.6256	59.8746	125.6228	0.0167	9.4726	248.6250
1302.0000	-23.6989	59.8083	125.6260	0.0170	9.4733	305.3784
1302.2500	-23.7640	59.8760	125.6303	0.0159	9.4733	360.7259
1302.5000	-23.8114	59.8917	125.6365	0.0141	9.4750	405.3127
1302.7500	-23.8256	59.8902	125.6435	0.0126	9.4832	432.5324
1303.0000	-23.7568	59.8177	125.6484	0.0115	9.4924	441.4762
1303.2500	-23.5943	59.3676	125.6497	0.0106	9.4935	434.9495
1303.5000	-23.4201	59.4678	125.6486	0.0091	9.4870	415.3389
1303.7500	-23.3274	59.6158	125.6479	0.0070	9.4827	384.3437
1304.0000	-23.3201	59.6142	125.6489	0.0055	9.4869	346.4321
1304.2500	-23.3554	59.6867	125.6514	0.0055	9.4967	309.7338
1304.5000	-23.4289	59.8224	125.6547	0.0069	9.5092	281.5592
1304.7500	-23.5405	59.7084	125.6575	0.0083	9.5277	263.9478
1305.0000	-23.6429	59.9255	125.6594	0.0093	9.5503	254.1723
1305.2500	-23.7039	59.6205	125.6607	0.0102	9.5614	248.0689
1305.5000	-23.7576	59.8221	125.6624	0.0114	9.5506	243.3285
1305.7500	-23.8158	60.3511	125.6646	0.0131	9.5288	240.5325
1306.0000	-23.8135	59.8563	125.6676	0.0149	9.5109	240.0971
1306.2500	-23.7248	59.4124	125.6719	0.0165	9.4979	239.5002
1306.5000	-23.6217	59.9793	125.6776	0.0176	9.4866	235.4173
1306.7500	-23.5681	59.7269	125.6837	0.0183	9.4814	227.1613
1307.0000	-23.5457	59.5758	125.6893	0.0186	9.4875	216.8668
1307.2500	-23.5090	59.7237	125.6938	0.0181	9.5027	206.3409
1307.5000	-23.4667	59.3954	125.6975	0.0167	9.5249	195.0318
1307.7500	-23.4524	59.8409	125.7011	0.0153	9.5538	182.0646
1308.0000	-23.4573	59.6744	125.7048	0.0146	9.5824	169.0764
1308.2500	-23.4668	59.6728	125.7081	0.0148	9.6056	159.3978
1308.5000	-23.5108	59.6003	125.7110	0.0154	9.6218	154.8707
1308.7500	-23.6184	59.5157	125.7142	0.0159	9.6176	155.0745
1309.0000	-23.7510	59.5480	125.7185	0.0165	9.5842	158.2371
1309.2500	-23.8278	59.8532	125.7234	0.0172	9.5404	161.1651
1309.5000	-23.8126	60.0919	125.7283	0.0183	9.5072	160.7038
1309.7500	-23.7302	59.8993	125.7330	0.0195	9.4866	155.9602
1310.0000	-23.6084	59.8223	125.7377	0.0203	9.4750	147.1440
1310.2500	-23.4654	59.4786	125.7424	0.0204	9.4749	134.1326
1310.5000	-23.3460	59.4786	125.7476	0.0202	9.4924	118.1041
1310.7500	-23.2978	60.0133	125.7533	0.0198	9.5299	102.2840
1311.0000	-23.3097	59.5635	125.7591	0.0191	9.5775	89.7437
1311.2500	-23.3421	59.8655	125.7642	0.0183	9.6338	81.2856
1311.5000	-23.3909	59.7049	125.7687	0.0168	9.7515	75.8004
1311.7500	-23.4599	59.6881	125.7726	0.0148	10.0191	71.9681
1312.0000	-23.5208	59.7330	125.7760	0.0133	10.4357	69.5617
1312.2500	-23.5513	59.6807	125.7790	0.0126	10.8312	69.9859
1312.5000	-23.5795	59.8268	125.7811	0.0123	11.0005	74.9358
1312.7500	-23.6427	59.5186	125.7830	0.0123	10.8807	83.7755
1313.0000	-23.7095	59.7037	125.7857	0.0128	10.5478	93.1710
1313.2500	-23.7119	59.8333	125.7894	0.0139	10.1507	99.8138
1313.5000	-23.6440	59.5695	125.7933	0.0152	9.8652	102.4054

1313.7500	-23.5528	59.4678	125.7971	0.0163	9.7939	101.0483
1314.0000	-23.4582	59.7945	125.8017	0.0173	9.9068	96.7342
1314.2500	-23.3527	59.7792	125.8067	0.0182	10.0780	91.6683
1314.5000	-23.2749	59.5664	125.8114	0.0192	10.1619	88.4668
1314.7500	-23.2930	59.8175	125.8156	0.0195	10.0883	88.4383
1315.0000	-23.3949	59.6389	125.8202	0.0188	9.9125	91.0882
1315.2500	-23.4980	59.9656	125.8259	0.0174	9.7424	94.6383
1315.5000	-23.5740	59.7037	125.8317	0.0164	9.6313	96.4549
1315.7500	-23.6579	59.6513	125.8362	0.0160	9.5746	94.4482
1316.0000	-23.7470	59.7807	125.8392	0.0157	9.5586	88.8527
1316.2500	-23.7915	59.9346	125.8415	0.0152	9.5743	82.4035
1316.5000	-23.7793	59.6035	125.8442	0.0143	9.6136	78.7819
1316.7500	-23.7327	59.5403	125.8475	0.0134	9.6554	80.5860
1317.0000	-23.6486	59.9286	125.8517	0.0129	9.6630	88.5808
1317.2500	-23.5292	59.4555	125.8564	0.0128	9.6267	102.2979
1317.5000	-23.4243	59.7252	125.8604	0.0128	9.5808	121.2105
1317.7500	-23.3856	59.7083	125.8630	0.0125	9.5554	145.9532
1318.0000	-23.4088	59.7130	125.8649	0.0121	9.5545	178.6670
1318.2500	-23.4535	59.7160	125.8671	0.0116	9.5789	223.3905
1318.5000	-23.5053	59.5450	125.8697	0.0117	9.6230	285.3313
1318.7500	-23.5649	59.6560	125.8726	0.0130	9.6653	365.7460
1319.0000	-23.6039	59.6574	125.8759	0.0151	9.6919	457.1875
1319.2500	-23.6051	59.7698	125.8796	0.0166	9.7048	544.4142
1319.5000	-23.6157	59.6435	125.8839	0.0172	9.6969	608.5484
1319.7500	-23.6888	59.9503	125.8891	0.0177	9.6578	633.1070
1320.0000	-23.7792	59.9011	125.8951	0.0185	9.6050	612.6531
1320.2500	-23.7844	59.9487	125.9003	0.0189	9.5713	557.7810
1320.5000	-23.6933	59.7623	125.9041	0.0177	9.5674	488.5405
1320.7500	-23.5845	59.9070	125.9080	0.0151	9.5787	422.0632
1321.0000	-23.4953	59.6651	125.9129	0.0125	9.5886	366.2081
1321.2500	-23.4101	59.9889	125.9174	0.0117	9.5964	322.1919
1321.5000	-23.3506	59.4124	125.9193	0.0125	9.6195	288.4365
1321.7500	-23.3676	59.8979	125.9193	0.0131	9.6734	261.0312
1322.0000	-23.4517	59.7823	125.9201	0.0125	9.7455	236.5863
1322.2500	-23.5406	59.4369	125.9237	0.0118	9.7886	215.2848
1322.5000	-23.6059	59.8285	125.9291	0.0123	9.7604	197.7936
1322.7500	-23.6563	59.5912	125.9342	0.0136	9.6755	182.3394
1323.0000	-23.6873	59.4463	125.9380	0.0145	9.5912	167.1681
1323.2500	-23.6823	59.6451	125.9410	0.0142	9.5462	152.4640
1323.5000	-23.6454	59.5758	125.9439	0.0131	9.5366	139.4101
1323.7500	-23.5983	59.4046	125.9465	0.0123	9.5375	130.1162
1324.0000	-23.5482	59.7314	125.9491	0.0125	9.5344	126.4712
1324.2500	-23.4958	59.7330	125.9520	0.0129	9.5352	127.4329
1324.5000	-23.4604	59.8976	125.9553	0.0132	9.5569	129.4370
1324.7500	-23.4546	59.6527	125.9589	0.0134	9.6106	129.6024
1325.0000	-23.4572	59.6882	125.9629	0.0135	9.6999	127.5835
1325.2500	-23.4467	59.8316	125.9669	0.0135	9.8144	124.6972
1325.5000	-23.4492	59.7191	125.9703	0.0136	9.9149	122.1876
1325.7500	-23.5038	59.5758	125.9733	0.0137	9.9463	120.2911
1326.0000	-23.5888	59.8162	125.9760	0.0135	9.8827	118.5192
1326.2500	-23.6609	59.9871	125.9791	0.0137	9.7597	116.9461
1326.5000	-23.7349	59.4447	125.9826	0.0149	9.6418	117.6442
1326.7500	-23.8260	59.8267	125.9863	0.0166	9.5647	123.7307
1327.0000	-23.8712	59.8192	125.9899	0.0183	9.5261	135.3009
1327.2500	-23.8041	59.8195	125.9943	0.0196	9.5119	148.2842
1327.5000	-23.6609	59.7129	126.0000	0.0203	9.5117	158.6166
1327.7500	-23.5289	59.6019	126.0065	0.0209	9.5215	165.2506

1328.0000	-23.4333	59.8115	126.0127	0.0213	9.5392	169.1860
1328.2500	-23.3643	59.8640	126.0182	0.0211	9.5564	171.6980
1328.5000	-23.3505	59.5326	126.0233	0.0200	9.5658	174.1041
1328.7500	-23.4219	59.9272	126.0280	0.0183	9.5761	177.7844
1329.0000	-23.5346	59.6836	126.0325	0.0170	9.5981	182.8959
1329.2500	-23.6122	59.3259	126.0365	0.0169	9.6147	188.0919
1329.5000	-23.6502	59.8038	126.0400	0.0178	9.6004	191.7445
1329.7500	-23.6860	59.9146	126.0431	0.0189	9.5622	193.2810
1330.0000	-23.7054	59.4894	126.0468	0.0195	9.5278	193.4528
1330.2500	-23.6779	60.1505	126.0521	0.0201	9.5082	191.8944
1330.5000	-23.6199	59.6759	126.0588	0.0210	9.4956	186.4405
1330.7500	-23.5604	59.4355	126.0657	0.0223	9.4808	176.9401
1331.0000	-23.4955	59.7468	126.0715	0.0233	9.4612	166.0522
1331.2500	-23.4104	59.4278	126.0767	0.0232	9.4348	155.8375
1331.5000	-23.3245	60.2276	126.0820	0.0220	9.4005	146.3880
1331.7500	-23.2746	59.6143	126.0877	0.0206	9.3689	136.9850
1332.0000	-23.2607	59.5726	126.0933	0.0196	9.3522	127.4407
1332.2500	-23.2563	59.7021	126.0985	0.0189	9.3482	117.9395
1332.5000	-23.2655	59.6359	126.1029	0.0179	9.3523	108.2866
1332.7500	-23.3160	59.6928	126.1068	0.0166	9.3686	98.6594
1333.0000	-23.3951	59.6836	126.1107	0.0158	9.3925	89.5996
1333.2500	-23.4657	59.2551	126.1145	0.0158	9.4029	80.8101
1333.5000	-23.5246	59.7916	126.1178	0.0168	9.3864	72.2323
1333.7500	-23.5718	59.7067	126.1209	0.0186	9.3558	65.8326
1334.0000	-23.5669	59.5557	126.1249	0.0203	9.3314	64.4230
1334.2500	-23.4842	59.5325	126.1301	0.0215	9.3194	68.3009
1334.5000	-23.3734	59.7944	126.1366	0.0224	9.3143	73.6339
1334.7500	-23.3104	59.4786	126.1439	0.0230	9.3117	75.2910
1335.0000	-23.3000	59.8517	126.1513	0.0232	9.3116	71.1596
1335.2500	-23.2994	59.7531	126.1576	0.0230	9.3150	62.9339
1335.5000	-23.3122	59.7715	126.1626	0.0224	9.3250	53.8948
1335.7500	-23.3766	60.1784	126.1670	0.0215	9.3454	47.0116
1336.0000	-23.4855	60.1968	126.1714	0.0207	9.3713	43.9636
1336.2500	-23.5956	59.8301	126.1760	0.0200	9.3917	44.9869
1336.5000	-23.6980	59.3893	126.1813	0.0199	9.4027	49.6686
1336.7500	-23.7967	59.2782	126.1870	0.0200	9.4103	57.5447
1337.0000	-23.8598	59.6728	126.1926	0.0202	9.4209	68.0279
1337.2500	-23.8637	59.5664	126.1976	0.0202	9.4357	80.5537
1337.5000	-23.8314	59.7514	126.2023	0.0200	9.4535	94.8556
1337.7500	-23.7919	59.6465	126.2070	0.0197	9.4757	110.6659
1338.0000	-23.7401	59.8286	126.2117	0.0196	9.5039	126.9695
1338.2500	-23.6583	59.4693	126.2165	0.0200	9.5294	141.8712
1338.5000	-23.5670	59.6266	126.2213	0.0211	9.5395	153.6719
1338.7500	-23.5020	59.6576	126.2264	0.0230	9.5292	162.4324
1339.0000	-23.4575	59.6943	126.2319	0.0255	9.5041	169.6764
1339.2500	-23.4182	59.6498	126.2377	0.0285	9.4788	175.9226
1339.5000	-23.4154	59.6666	126.2445	0.0315	9.4649	180.0174
1339.7500	-23.4848	59.6990	126.2529	0.0341	9.4595	181.0060
1340.0000	-23.5949	59.5928	126.2627	0.0357	9.4540	179.7737
1340.2500	-23.6830	59.9501	126.2735	0.0360	9.4467	178.5279
1340.5000	-23.7401	59.7392	126.2843	0.0352	9.4415	177.9141
1340.7500	-23.7713	59.5465	126.2946	0.0337	9.4374	175.8907
1341.0000	-23.7281	59.6205	126.3033	0.0319	9.4297	171.3862
1341.2500	-23.5845	59.6959	126.3097	0.0299	9.4197	167.3186
1341.5000	-23.4178	59.2936	126.3149	0.0279	9.4124	167.4184
1341.7500	-23.3255	59.7067	126.3203	0.0263	9.4096	171.5050
1342.0000	-23.3111	59.9671	126.3265	0.0260	9.4091	176.5098

1342.2500	-23.3217	59.4215	126.3332	0.0278	9.4088	180.2800
1342.5000	-23.3427	59.6451	126.3401	0.0303	9.4082	182.0029
1342.7500	-23.3880	59.5542	126.3471	0.0322	9.4058	181.6886
1343.0000	-23.4480	59.2766	126.3554	0.0331	9.3990	180.7364
1343.2500	-23.4989	60.1925	126.3653	0.0331	9.3895	180.7732
1343.5000	-23.5482	59.6560	126.3755	0.0320	9.3849	182.2295
1343.7500	-23.6283	60.1046	126.3848	0.0301	9.3895	184.3136
1344.0000	-23.7275	59.7191	126.3928	0.0275	9.3990	185.5349
1344.2500	-23.7846	59.6420	126.3994	0.0249	9.4058	184.8030
1344.5000	-23.7645	59.8332	126.4042	0.0232	9.4081	181.9039
1344.7500	-23.6817	59.5957	126.4073	0.0228	9.4080	176.9006
1345.0000	-23.5621	59.5095	126.4104	0.0233	9.4049	169.5950
1345.2500	-23.4282	60.3081	126.4150	0.0242	9.3947	159.7946
1345.5000	-23.3194	60.0180	126.4218	0.0258	9.3756	148.8295
1345.7500	-23.2814	59.5758	126.4303	0.0279	9.3540	139.9610
1346.0000	-23.3141	59.9315	126.4393	0.0297	9.3409	136.0480
1346.2500	-23.3775	59.8364	126.4479	0.0310	9.3387	137.7470
1346.5000	-23.4543	59.5263	126.4558	0.0317	9.3378	143.4014
1346.7500	-23.5531	59.7376	126.4630	0.0316	9.3325	150.0811
1347.0000	-23.6581	59.6205	126.4698	0.0312	9.3304	156.1831
1347.2500	-23.7372	59.5094	126.4771	0.0313	9.3352	162.3980
1347.5000	-23.7913	59.7499	126.4852	0.0318	9.3382	169.0295
1347.7500	-23.8277	59.6945	126.4935	0.0319	9.3324	174.3451
1348.0000	-23.8185	59.3707	126.5018	0.0311	9.3220	177.0652
1348.2500	-23.7494	59.7083	126.5105	0.0294	9.3145	178.6249
1348.5000	-23.6650	59.5187	126.5193	0.0275	9.3124	181.1343
1348.7500	-23.6241	59.7391	126.5267	0.0265	9.3142	184.4554
1349.0000	-23.6228	59.8377	126.5321	0.0266	9.3177	186.9280
1349.2500	-23.6050	59.6543	126.5359	0.0269	9.3233	188.0499
1349.5000	-23.5616	59.7021	126.5401	0.0269	9.3298	188.7510
1349.7500	-23.5380	59.5697	126.5464	0.0268	9.3316	189.1644
1350.0000	-23.5440	59.6853	126.5550	0.0273	9.3261	188.6559
1350.2500	-23.5531	59.8808	126.5644	0.0286	9.3189	102.4579
1350.5000	-23.5747	59.4894	126.5731	0.0302	9.3167	100.5520
1350.7500	-23.6447	59.5680	126.5804	0.0312	9.3230	100.7667
1351.0000	-23.7389	60.2402	126.5867	0.0310	9.3386	102.9583
1351.2500	-23.7761	59.7577	126.5931	0.0302	9.3546	107.1029
1351.5000	-23.7234	59.6575	126.6006	0.0294	9.3540	112.4881
1351.7500	-23.6201	60.0984	126.6088	0.0293	9.3303	118.5647
1352.0000	-23.4996	59.9856	126.6170	0.0294	9.2941	125.2804
1352.2500	-23.3700	59.8008	126.6248	0.0291	9.2619	132.3544
1352.5000	-23.2743	59.5696	126.6320	0.0280	9.2484	138.3927
1352.7500	-23.2743	59.6297	126.6389	0.0266	9.2623	141.2155
1353.0000	-23.3549	59.6450	126.6454	0.0256	9.3030	140.2334
1353.2500	-23.4458	59.5141	126.6514	0.0253	9.3582	138.1449
1353.5000	-23.5222	59.7389	126.6566	0.0257	9.4102	138.0740
1353.7500	-23.5906	59.7237	126.6620	0.0266	9.4490	140.1328
1354.0000	-23.6357	59.7793	126.6683	0.0283	9.4762	142.7063
1354.2500	-23.6467	59.7452	126.6755	0.0302	9.4943	144.9653
1354.5000	-23.6450	60.0225	126.6833	0.0320	9.5042	146.8832
1354.7500	-23.6458	59.6112	126.6921	0.0330	9.5119	148.8254
1355.0000	-23.6239	59.8946	126.7020	0.0333	9.5283	150.9079
1355.2500	-23.5649	59.9535	126.7118	0.0332	9.5661	151.7650
1355.5000	-23.5135	59.4987	126.7205	0.0330	9.6315	149.9007
1355.7500	-23.5069	59.6852	126.7281	0.0325	9.7148	145.9453
1356.0000	-23.5073	59.8933	126.7349	0.0312	9.7962	142.0407
1356.2500	-23.4597	59.4447	126.7419	0.0300	9.8695	139.9205

1356.5000	-23.3926	59.6050	126.7494	0.0294	9.9458	139.6006
1356.7500	-23.3874	59.4555	126.7571	0.0298	10.0326	139.7182
1357.0000	-23.4551	59.9440	126.7645	0.0309	10.1374	138.8775
1357.2500	-23.5373	60.2156	126.7718	0.0324	10.2816	136.2791
1357.5000	-23.6114	59.3877	126.7794	0.0335	10.4999	132.5532
1357.7500	-23.6925	59.6358	126.7877	0.0338	10.8272	129.4710
1358.0000	-23.7561	59.7037	126.7968	0.0334	11.2397	127.8921
1358.2500	-23.7542	59.6097	126.8066	0.0332	11.5854	127.1872
1358.5000	-23.6967	59.7330	126.8164	0.0341	11.6668	126.2080
1358.7500	-23.6314	59.7793	126.8247	0.0355	11.4639	124.0792
1359.0000	-23.5672	59.6868	126.8313	0.0351	11.2046	120.7736
1359.2500	-23.4986	59.5479	126.8382	0.0305	11.1395	117.9237
1359.5000	-23.4564	59.6775	126.8477	0.0221	11.3048	118.2581
1359.7500	-23.4738	59.6945	126.8587	0.0148	11.5405	122.2097
1360.0000	-23.5343	59.7374	126.8671	0.0128	11.6810	126.4968
1360.2500	-23.5955	59.4601	126.8677	0.0146	11.7249	128.0093
1360.5000	-23.6485	59.8360	126.8606	0.0169	11.8202	127.0978
1360.7500	-23.6980	59.9180	126.8543	0.0181	12.0258	125.9958
1361.0000	-23.7193	59.8841	126.8569	0.0198	12.1226	126.5726
1361.2500	-23.7017	60.3448	126.8675	0.0246	11.8160	129.6487
1361.5000	-23.6875	59.8069	126.8814	0.0321	11.1549	133.9208
1361.7500	-23.7123	60.0750	126.8949	0.0375	10.5385	136.8515
1362.0000	-23.7340	59.7160	126.9068	0.0373	10.2700	138.4843
1362.2500	-23.6797	59.7838	126.9169	0.0342	10.3240	141.6988
1362.5000	-23.5578	59.6404	126.9247	0.0322	10.5071	147.6970
1362.7500	-23.4440	59.6944	126.9293	0.0313	10.6499	154.1853
1363.0000	-23.3697	59.9134	126.9314	0.0299	10.6870	158.6562
1363.2500	-23.3193	59.6004	126.9359	0.0282	10.6420	160.5811
1363.5000	-23.3056	60.0024	126.9458	0.0271	10.5447	160.2900
1363.7500	-23.3560	59.4247	126.9575	0.0274	10.4028	159.0623
1364.0000	-23.4432	59.8237	126.9666	0.0286	10.2469	158.8135
1364.2500	-23.5220	59.7083	126.9732	0.0285	10.1252	159.6911
1364.5000	-23.6015	59.5388	126.9789	0.0257	10.0582	160.6104
1364.7500	-23.6885	59.4632	126.9841	0.0217	10.0352	161.4432
1365.0000	-23.7267	60.4019	126.9886	0.0185	10.0383	162.3904
1365.2500	-23.6662	59.7050	126.9930	0.0155	10.0525	162.6398
1365.5000	-23.5475	59.6990	126.9972	0.0121	10.0696	161.5473
1365.7500	-23.4545	59.6543	127.0009	0.0104	10.0992	159.9568
1366.0000	-23.4044	59.4493	127.0036	0.0119	10.1598	159.4919
1366.2500	-23.3652	59.6820	127.0042	0.0149	10.2500	160.8793
1366.5000	-23.3432	59.4648	127.0032	0.0171	10.3410	162.9391
1366.7500	-23.3628	59.5973	127.0049	0.0187	10.4006	164.1270
1367.0000	-23.4072	59.9057	127.0124	0.0207	10.4261	164.4363
1367.2500	-23.4520	59.4832	127.0228	0.0239	10.4641	164.1966
1367.5000	-23.5137	59.8810	127.0314	0.0280	10.5742	162.8912
1367.7500	-23.5956	59.7038	127.0383	0.0307	10.7657	161.0018
1368.0000	-23.6467	59.5095	127.0450	0.0303	11.0059	160.3329
1368.2500	-23.6431	59.9593	127.0520	0.0283	11.2585	160.8259
1368.5000	-23.6300	59.4756	127.0592	0.0271	11.4721	160.0941
1368.7500	-23.6405	59.8268	127.0663	0.0269	11.5789	157.0671
1369.0000	-23.6336	59.5494	127.0731	0.0266	11.5541	153.0363
1369.2500	-23.5518	59.5033	127.0794	0.0258	11.4456	149.3872
1369.5000	-23.4157	59.7252	127.0857	0.0246	11.3260	146.4330
1369.7500	-23.3022	59.9164	127.0921	0.0232	11.2364	143.7611
1370.0000	-23.2448	59.6668	127.0983	0.0221	11.1811	141.1803
1370.2500	-23.2343	59.9597	127.1037	0.0213	11.1734	138.5201
1370.5000	-23.2883	59.7160	127.1084	0.0208	11.2428	135.2745

1370.7500	-23.4291	59.8193	127.1128	0.0203	11.3588	131.9778
1371.0000	-23.5976	60.0442	127.1173	0.0203	11.4189	129.8429
1371.2500	-23.6904	59.8472	127.1221	0.0214	11.3840	128.8061
1371.5000	-23.6972	59.8779	127.1273	0.0230	11.3590	128.4072
1371.7500	-23.6878	59.6112	127.1328	0.0244	11.4814	129.6165
1372.0000	-23.6786	59.6143	127.1389	0.0251	11.7883	133.2393
1372.2500	-23.6267	59.9963	127.1464	0.0253	12.1824	137.8966
1372.5000	-23.5362	59.6927	127.1544	0.0252	12.4773	141.6782
1372.7500	-23.4579	59.7697	127.1616	0.0247	12.5212	144.0048
1373.0000	-23.3926	59.6636	127.1675	0.0232	12.3103	145.2652
1373.2500	-23.3154	59.3845	127.1727	0.0207	11.9517	146.4908
1373.5000	-23.2595	59.8578	127.1777	0.0183	11.5380	148.8119
1373.7500	-23.2666	59.6960	127.1821	0.0169	11.1201	152.1470
1374.0000	-23.3115	59.4710	127.1854	0.0166	10.7713	155.3011
1374.2500	-23.3384	60.1000	127.1878	0.0168	10.5903	157.2824
1374.5000	-23.3456	59.5234	127.1909	0.0172	10.6243	158.2640
1374.7500	-23.3818	59.6250	127.1954	0.0175	10.8246	159.4367
1375.0000	-23.4512	60.0148	127.2007	0.0178	11.0863	161.0167
1375.2500	-23.5163	59.5604	127.2063	0.0180	11.3372	161.3988
1375.5000	-23.5733	59.5911	127.2120	0.0180	11.5677	159.8268
1375.7500	-23.6169	59.9380	127.2171	0.0177	11.7570	157.5779
1376.0000	-23.5990	59.5342	127.2209	0.0174	11.8661	155.7199
1376.2500	-23.4966	60.0287	127.2239	0.0175	11.9572	154.3173
1376.5000	-23.3693	59.4308	127.2269	0.0182	12.1804	153.8944
1376.7500	-23.3038	59.3707	127.2307	0.0196	12.5772	155.6387
1377.0000	-23.3207	59.9315	127.2355	0.0220	12.9847	159.3413
1377.2500	-23.3787	59.3815	127.2414	0.0247	13.1624	162.1024
1377.5000	-23.4532	59.7791	127.2483	0.0272	12.9960	161.3663
1377.7500	-23.5464	59.6251	127.2563	0.0288	12.5809	157.9463
1378.0000	-23.6351	59.6497	127.2649	0.0291	12.1268	153.7005
1378.2500	-23.6828	59.7573	127.2733	0.0285	11.8015	149.0442
1378.5000	-23.6983	59.9024	127.2812	0.0275	11.6260	144.3241
1378.7500	-23.7008	59.6927	127.2882	0.0261	11.4786	140.9171
1379.0000	-23.6567	59.7392	127.2938	0.0243	11.2357	139.6170
1379.2500	-23.5384	59.6775	127.2984	0.0221	10.9299	139.0211
1379.5000	-23.4066	59.7651	127.3033	0.0201	10.7333	136.7432
1379.7500	-23.3504	59.7391	127.3086	0.0186	10.8105	132.5240
1380.0000	-23.3669	59.5433	127.3134	0.0175	11.2197	128.5680
1380.2500	-23.3771	59.9025	127.3176	0.0163	11.8527	126.8210
1380.5000	-23.3461	59.9073	127.3215	0.0142	12.4390	127.4915
1380.7500	-23.3095	59.7993	127.3254	0.0121	12.7370	128.7532
1381.0000	-23.3009	60.0472	127.3289	0.0113	12.7133	128.1909
1381.2500	-23.3221	59.5881	127.3309	0.0119	12.4900	126.1035
1381.5000	-23.3780	59.8147	127.3316	0.0125	12.2371	124.9845
1381.7500	-23.4750	59.9040	127.3327	0.0118	12.1104	125.4722
1382.0000	-23.5780	59.5928	127.3360	0.0105	12.1352	126.1874
1382.2500	-23.6439	60.1196	127.3413	0.0116	12.1571	126.6826
1382.5000	-23.6788	59.8114	127.3465	0.0163	12.0277	127.9077
1382.7500	-23.6876	59.5588	127.3490	0.0217	11.8457	130.9361
1383.0000	-23.6310	59.9779	127.3499	0.0243	11.8739	136.1973
1383.2500	-23.4995	59.8423	127.3540	0.0241	12.2112	143.2488
1383.5000	-23.3649	59.6621	127.3641	0.0235	12.6729	150.8598
1383.7500	-23.3032	59.6250	127.3761	0.0242	12.9356	157.1682
1384.0000	-23.3080	59.4524	127.3847	0.0259	12.7433	160.5081
1384.2500	-23.3378	59.6250	127.3896	0.0263	12.0979	160.9203
1384.5000	-23.3971	59.7746	127.3934	0.0241	11.2735	160.3229
1384.7500	-23.5000	59.7097	127.3974	0.0209	10.5906	160.5896

1385.0000	-23.5983	59.7946	127.4017	0.0191	10.1951	162.4183
1385.2500	-23.6279	59.6020	127.4066	0.0190	10.0447	165.8034
1385.5000	-23.6061	59.6976	127.4122	0.0194	10.0216	169.5297
1385.7500	-23.6050	59.8424	127.4179	0.0196	10.0256	171.1775
1386.0000	-23.6386	59.6852	127.4230	0.0193	10.0117	169.7880
1386.2500	-23.6563	59.7160	127.4277	0.0186	9.9884	167.1055
1386.5000	-23.6360	59.6820	127.4323	0.0174	9.9735	165.5668
1386.7500	-23.6055	59.5141	127.4365	0.0162	9.9594	166.1753
1387.0000	-23.5808	59.5802	127.4403	0.0156	9.9236	168.3032
1387.2500	-23.5471	59.7808	127.4438	0.0153	9.8587	171.0463
1387.5000	-23.5078	59.8638	127.4470	0.0152	9.7822	173.3981
1387.7500	-23.4843	59.7776	127.4504	0.0157	9.7222	174.0681
1388.0000	-23.4724	59.7283	127.4541	0.0166	9.6943	173.1941
1388.2500	-23.4653	59.8255	127.4583	0.0174	9.6889	172.4681
1388.5000	-23.4880	59.8915	127.4627	0.0178	9.6802	172.7306
1388.7500	-23.5607	59.4232	127.4679	0.0181	9.6555	173.4250
1389.0000	-23.6526	59.6759	127.4734	0.0184	9.6254	174.0716
1389.2500	-23.7116	60.1983	127.4785	0.0186	9.6009	174.9191
1389.5000	-23.7220	59.2428	127.4827	0.0184	9.5816	176.5925
1389.7500	-23.6837	59.6034	127.4866	0.0175	9.5672	179.4832
1390.0000	-23.5779	59.8778	127.4909	0.0161	9.5605	183.3553
1390.2500	-23.4260	59.4479	127.4955	0.0151	9.5590	187.2400
1390.5000	-23.3113	59.6127	127.4995	0.0146	9.5519	189.2007
1390.7500	-23.2813	59.7468	127.5029	0.0143	9.5273	187.7293
1391.0000	-23.2917	59.4277	127.5057	0.0136	9.4906	184.1069
1391.2500	-23.2999	59.8085	127.5087	0.0130	9.4619	181.0622
1391.5000	-23.3338	59.7266	127.5120	0.0128	9.4488	179.2646
1391.7500	-23.4104	59.7021	127.5152	0.0127	9.4446	177.6087
1392.0000	-23.4780	59.5264	127.5182	0.0124	9.4466	176.1758
1392.2500	-23.4940	59.6281	127.5215	0.0116	9.4557	176.1411
1392.5000	-23.4933	59.8024	127.5251	0.0112	9.4694	177.1275
1392.7500	-23.5269	60.0164	127.5283	0.0117	9.4847	177.0766
1393.0000	-23.5632	59.9486	127.5305	0.0127	9.4971	174.9258
1393.2500	-23.5400	59.6990	127.5320	0.0133	9.5041	171.8483
1393.5000	-23.4732	59.7559	127.5343	0.0129	9.5091	169.2558
1393.7500	-23.4128	59.4307	127.5385	0.0121	9.5181	167.2153
1394.0000	-23.3631	59.7777	127.5436	0.0118	9.5320	165.2709
1394.2500	-23.3095	59.6066	127.5481	0.0123	9.5444	163.0949
1394.5000	-23.2730	59.8282	127.5509	0.0125	9.5497	160.4994
1394.7500	-23.2897	59.2797	127.5525	0.0118	9.5495	157.8855
1395.0000	-23.3512	59.5202	127.5540	0.0107	9.5544	156.5146
1395.2500	-23.4180	59.8669	127.5565	0.0101	9.5783	157.3167
1395.5000	-23.4803	59.7299	127.5594	0.0104	9.6185	159.9474
1395.7500	-23.5474	59.8671	127.5622	0.0112	9.6498	163.7119
1396.0000	-23.6057	59.9257	127.5650	0.0122	9.6560	167.3769
1396.2500	-23.6344	59.5987	127.5683	0.0128	9.6479	168.8638
1396.5000	-23.6319	59.9288	127.5717	0.0131	9.6355	168.0434
1396.7500	-23.5966	59.7315	127.5749	0.0129	9.6135	167.3532
1397.0000	-23.5167	59.7682	127.5784	0.0123	9.5808	167.9809
1397.2500	-23.4128	59.6759	127.5821	0.0115	9.5478	168.4843
1397.5000	-23.3510	59.4232	127.5856	0.0110	9.5266	167.3780
1397.7500	-23.3736	59.6589	127.5880	0.0108	9.5217	164.8632
1398.0000	-23.4412	59.5557	127.5896	0.0103	9.5274	162.6760
1398.2500	-23.4867	59.6775	127.5912	0.0097	9.5315	162.3905
1398.5000	-23.5124	59.9886	127.5937	0.0092	9.5266	163.5184
1398.7500	-23.5546	59.4633	127.5965	0.0090	9.5179	164.3934
1399.0000	-23.5940	59.7404	127.5990	0.0088	9.5147	164.2202

1399.2500	-23.6009	59.9362	127.6015	0.0085	9.5227	163.4010
1399.5000	-23.6145	59.7329	127.6040	0.0082	9.5448	162.2513
1399.7500	-23.6873	59.8114	127.6061	0.0080	9.5814	160.0096
1400.0000	-23.7725	59.5371	127.6071	0.0081	9.6335	155.6887
1400.2500	-23.7613	59.6437	127.6081	0.0080	9.7029	149.6962
1400.5000	-23.6382	59.6451	127.6100	0.0077	9.7810	143.6880
1400.7500	-23.4897	59.6622	127.6126	0.0074	9.8561	138.3584
1401.0000	-23.3697	59.5418	127.6152	0.0076	9.9375	133.0223
1401.2500	-23.2735	59.6065	127.6175	0.0077	10.0475	128.0599
1401.5000	-23.2248	59.7312	127.6194	0.0071	10.1848	125.1124
1401.7500	-23.2716	59.7866	127.6209	0.0059	10.3005	124.9668
1402.0000	-23.3901	59.5942	127.6223	0.0046	10.3313	127.4398
1402.2500	-23.4956	59.4278	127.6236	0.0035	10.2668	131.5480
1402.5000	-23.5496	59.7175	127.6243	0.0029	10.1640	134.8898
1402.7500	-23.5764	59.4941	127.6245	0.0030	10.0865	134.9921
1403.0000	-23.5922	59.4586	127.6244	0.0034	10.0594	131.8229
1403.2500	-23.5789	59.6357	127.6245	0.0040	10.0814	128.0587
1403.5000	-23.5285	59.7053	127.6252	0.0046	10.1397	126.5430
1403.7500	-23.4639	59.8252	127.6269	0.0053	10.2127	127.5320
1404.0000	-23.3995	60.0226	127.6292	0.0056	10.2905	128.5461
1404.2500	-23.3371	59.6251	127.6315	0.0058	10.3669	127.6403
1404.5000	-23.3010	59.5618	127.6335	0.0058	10.4007	126.1235
1404.7500	-23.3175	59.4479	127.6350	0.0053	10.3496	126.7768
1405.0000	-23.3679	59.9886	127.6357	0.0043	10.2448	130.5212
1405.2500	-23.4150	59.6606	127.6361	0.0030	10.1712	135.4233
1405.5000	-23.4665	59.5989	127.6368	0.0019	10.1735	138.6664
1405.7500	-23.5447	59.7745	127.6375	0.0012	10.2226	139.3609
1406.0000	-23.6257	59.5186	127.6377	0.0006	10.2765	139.0097
1406.2500	-23.6799	59.8686	127.6374	0.0001	10.3327	139.3621
1406.5000	-23.7263	60.0133	127.6374	-0.0005	10.3960	140.7740
1406.7500	-23.7924	59.5880	127.6374	-0.0013	10.4362	142.6585
1407.0000	-23.8437	59.7003	127.6369	-0.0022	10.4093	144.0869
1407.2500	-23.8095	59.6728	127.6363	-0.0031	10.3042	144.1462
1407.5000	-23.6914	59.7284	127.6358	-0.0041	10.1495	142.4643
1407.7500	-23.5599	59.6667	127.6349	-0.0050	9.9909	139.4068
1408.0000	-23.4549	59.7376	127.6333	-0.0055	9.8781	136.1022
1408.2500	-23.3862	59.4308	127.6312	-0.0060	9.8457	133.6978
1408.5000	-23.3848	59.7083	127.6292	-0.0067	9.9023	132.0460
1408.7500	-23.4673	59.6036	127.6274	-0.0078	10.0434	129.5842
1409.0000	-23.5830	59.4370	127.6258	-0.0090	10.2509	125.2990
1409.2500	-23.6606	60.1212	127.6242	-0.0101	10.4829	120.3315
1409.5000	-23.6955	59.5372	127.6223	-0.0109	10.6869	116.6617
1409.7500	-23.7194	59.7914	127.6194	-0.0115	10.8319	114.7311
1410.0000	-23.7239	60.1691	127.6153	-0.0124	10.9365	112.9337
1410.2500	-23.6919	59.3707	127.6110	-0.0136	11.0317	109.9409
1410.5000	-23.6443	59.9288	127.6075	-0.0147	11.0892	106.8390
1410.7500	-23.5983	59.6805	127.6044	-0.0148	11.0400	105.5629
1411.0000	-23.5345	59.6961	127.6011	-0.0139	10.8634	106.8373
1411.2500	-23.4496	59.5572	127.5970	-0.0126	10.6386	110.3807
1411.5000	-23.3884	59.6436	127.5929	-0.0117	10.4908	114.6176
1411.7500	-23.3795	59.4016	127.5897	-0.0111	10.4693	117.1301
1412.0000	-23.3954	59.7607	127.5875	-0.0108	10.5025	117.4584
1412.2500	-23.4017	59.8732	127.5859	-0.0105	10.4800	117.6308
1412.5000	-23.4084	59.6281	127.5841	-0.0106	10.3730	119.4244
1412.7500	-23.4430	59.8548	127.5822	-0.0108	10.2540	122.6720
1413.0000	-23.4914	59.3476	127.5795	-0.0108	10.1843	126.2722
1413.2500	-23.5274	59.5865	127.5759	-0.0109	10.1474	129.8377

1413.5000	-23.5708	59.5557	127.5717	-0.0113	10.1042	133.3190
1413.7500	-23.6334	59.6665	127.5681	-0.0119	10.0455	135.9861
1414.0000	-23.6620	59.5541	127.5659	-0.0126	9.9929	137.3989
1414.2500	-23.6058	59.5942	127.5640	-0.0137	9.9746	138.0762
1414.5000	-23.5003	59.3938	127.5615	-0.0157	9.9930	138.1811
1414.7500	-23.4270	60.0811	127.5583	-0.0185	10.0414	136.8257
1415.0000	-23.4087	59.7808	127.5543	-0.0213	10.1330	133.7694
1415.2500	-23.4108	59.5295	127.5485	-0.0233	10.2547	130.8663
1415.5000	-23.4224	59.7145	127.5402	-0.0246	10.3490	130.4455
1415.7500	-23.4636	59.8423	127.5311	-0.0254	10.4156	132.8129
1416.0000	-23.5261	59.6960	127.5232	-0.0259	10.5472	135.6642
1416.2500	-23.5736	59.9501	127.5174	-0.0254	10.7597	136.1786
1416.5000	-23.6011	59.4971	127.5123	-0.0239	10.8925	134.2267
1416.7500	-23.6301	59.9196	127.5074	-0.0219	10.7928	132.8091
1417.0000	-23.6559	59.7299	127.5026	-0.0201	10.5077	134.4286
1417.2500	-23.6559	59.5477	127.4976	-0.0187	10.2301	137.8465
1417.5000	-23.6302	59.7946	127.4924	-0.0174	10.1093	140.3090
1417.7500	-23.6024	59.9209	127.4873	-0.0160	10.1319	141.3667
1418.0000	-23.5800	60.1399	127.4830	-0.0148	10.1723	141.7887
1418.2500	-23.5468	59.8625	127.4799	-0.0142	10.1494	141.4502
1418.5000	-23.5065	59.7560	127.4775	-0.0142	10.1063	141.1826
1418.7500	-23.4779	59.7806	127.4754	-0.0144	10.1215	143.3683
1419.0000	-23.4511	59.9301	127.4730	-0.0146	10.1682	148.0072
1419.2500	-23.4175	59.5264	127.4693	-0.0152	10.1286	151.6879
1419.5000	-23.4089	59.9041	127.4640	-0.0165	9.9588	152.3753
1419.7500	-23.4457	59.5928	127.4584	-0.0181	9.7454	151.4789
1420.0000	-23.4904	59.4987	127.4537	-0.0191	9.5853	150.3366
1420.2500	-23.5223	59.7191	127.4494	-0.0183	9.5016	149.0047
1420.5000	-23.5835	60.0443	127.4445	-0.0155	9.4711	148.3465
1420.7500	-23.6628	59.5094	127.4391	-0.0118	9.4667	149.0612
1421.0000	-23.6593	59.6188	127.4348	-0.0088	9.4704	150.1027
1421.2500	-23.5348	59.8038	127.4326	-0.0064	9.4707	150.3738
1421.5000	-23.3841	59.7252	127.4330	-0.0038	9.4657	149.3586
1421.7500	-23.3094	59.6514	127.4348	-0.0010	9.4606	147.0799
1422.0000	-23.3093	59.5635	127.4362	0.0007	9.4591	145.8697
1422.2500	-23.3379	59.5325	127.4367	0.0007	9.4618	148.1608
1422.5000	-23.3971	59.8318	127.4369	-0.0007	9.4679	152.2989
1422.7500	-23.5000	59.5726	127.4371	-0.0019	9.4741	155.0030
1423.0000	-23.5983	59.5865	127.4362	-0.0017	9.4763	155.3486
1423.2500	-23.6279	59.8114	127.4340	-0.0003	9.4758	153.6844
1423.5000	-23.6062	59.8548	127.4317	0.0009	9.4751	150.4420
1423.7500	-23.6060	59.8332	127.4311	0.0013	9.4736	146.7472
1424.0000	-23.6426	59.4108	127.4329	0.0023	9.4730	143.7549
1424.2500	-23.6659	60.0861	127.4361	0.0046	9.4754	141.8400
1424.5000	-23.6439	59.7823	127.4387	0.0077	9.4777	141.3303
1424.7500	-23.5863	59.6544	127.4397	0.0103	9.4795	143.2400
1425.0000	-23.5081	59.9547	127.4407	0.0118	9.4838	148.1737
1425.2500	-23.4277	59.5109	127.4432	0.0125	9.4864	154.1951
1425.5000	-23.3851	59.8036	127.4471	0.0133	9.4831	157.5899
1425.7500	-23.4000	60.0950	127.4516	0.0151	9.4806	157.3159
1426.0000	-23.4345	59.4894	127.4565	0.0175	9.4868	155.7418
1426.2500	-23.4595	60.1243	127.4610	0.0195	9.4997	153.5909
1426.5000	-23.5053	59.5727	127.4653	0.0213	9.5169	148.8328
1426.7500	-23.5993	59.5326	127.4699	0.0230	9.5414	141.4723
1427.0000	-23.6983	59.6112	127.4756	0.0245	9.5723	134.6745
1427.2500	-23.7425	59.8237	127.4823	0.0259	9.6053	131.3118
1427.5000	-23.7443	59.8576	127.4897	0.0267	9.6454	132.1710

1427.7500	-23.7299	59.9426	127.4976	0.0270	9.7120	136.5372
1428.0000	-23.6561	59.6220	127.5056	0.0269	9.8201	143.0074
1428.2500	-23.5093	59.6296	127.5127	0.0270	9.9414	149.8372
1428.5000	-23.3845	59.8762	127.5187	0.0274	10.0157	155.1992
1428.7500	-23.3696	59.7530	127.5239	0.0286	10.0406	158.1413
1429.0000	-23.4262	60.1998	127.5295	0.0310	10.0745	159.0059
1429.2500	-23.4608	59.6467	127.5362	0.0344	10.1179	158.3018
1429.5000	-23.4618	59.7807	127.5445	0.0383	10.0923	157.2076
1429.7500	-23.4759	59.7237	127.5549	0.0421	9.9572	157.6507
1430.0000	-23.4986	59.4216	127.5675	0.0450	9.7744	159.3161
1430.2500	-23.4945	59.6312	127.5815	0.0470	9.6324	159.8004
1430.5000	-23.4842	59.9719	127.5953	0.0484	9.5591	158.4124
1430.7500	-23.5181	59.5249	127.6081	0.0495	9.5341	156.8295
1431.0000	-23.5783	59.6451	127.6196	0.0498	9.5328	156.1788
1431.2500	-23.6027	59.7331	127.6303	0.0494	9.5374	155.6810
1431.5000	-23.5811	59.2396	127.6414	0.0486	9.5430	154.3313
1431.7500	-23.5375	59.8548	127.6538	0.0481	9.5595	152.4967
1432.0000	-23.4657	59.7528	127.6672	0.0483	9.5940	151.3778
1432.2500	-23.3558	60.0395	127.6803	0.0494	9.6335	151.4834
1432.5000	-23.2562	60.0734	127.6925	0.0504	9.6536	152.3851
1432.7500	-23.2410	59.5418	127.7042	0.0510	9.6467	153.0703
1433.0000	-23.3095	60.1104	127.7163	0.0506	9.6401	152.2473
1433.2500	-23.3973	59.6375	127.7290	0.0494	9.6666	150.3015
1433.5000	-23.4726	59.7191	127.7422	0.0479	9.7177	149.6606
1433.7500	-23.5387	60.1678	127.7557	0.0467	9.7460	150.9649
1434.0000	-23.5808	59.3399	127.7684	0.0462	9.7217	151.8590
1434.2500	-23.5818	59.6358	127.7791	0.0467	9.6617	150.5616
1434.5000	-23.5676	59.8856	127.7883	0.0482	9.6047	147.2601
1434.7500	-23.5716	59.7284	127.7976	0.0504	9.5812	142.6407
1435.0000	-23.5687	59.6774	127.8088	0.0531	9.5990	137.3219
1435.2500	-23.5202	60.0646	127.8225	0.0566	9.6523	131.7175
1435.5000	-23.4537	59.6359	127.8386	0.0606	9.7463	125.5265
1435.7500	-23.4206	60.0718	127.8564	0.0645	9.9125	118.4633
1436.0000	-23.4183	59.6853	127.8747	0.0673	10.1918	111.0930
1436.2500	-23.4151	59.8269	127.8924	0.0678	10.5742	104.1573
1436.5000	-23.4170	59.5033	127.9095	0.0658	10.9577	98.1187
1436.7500	-23.4459	59.3954	127.9267	0.0621	11.2170	93.5004
1437.0000	-23.4838	59.9918	127.9434	0.0577	11.3080	90.9065
1437.2500	-23.5114	59.4431	127.9581	0.0530	11.2528	90.4357
1437.5000	-23.5606	60.0028	127.9703	0.0490	11.0636	90.9993
1437.7500	-23.6644	59.8255	127.9807	0.0477	10.7628	90.7473
1438.0000	-23.7658	59.5958	127.9901	0.0502	10.4354	89.0455
1438.2500	-23.7600	60.1212	127.9983	0.0542	10.1846	87.1317
1438.5000	-23.6380	59.7731	128.0074	0.0572	10.0502	85.5018
1438.7500	-23.4897	59.3692	128.0221	0.0585	10.0048	82.6308
1439.0000	-23.3694	59.8470	128.0438	0.0598	10.0050	77.4585
1439.2500	-23.2710	59.5200	128.0666	0.0640	10.0328	71.1668
1439.5000	-23.2119	59.6019	128.0846	0.0714	10.1028	65.7771
1439.7500	-23.2293	59.9549	128.0977	0.0768	10.2260	62.2893
1440.0000	-23.2999	59.5387	128.1097	0.0763	10.3757	60.4277
1440.2500	-23.3737	60.0148	128.1264	0.0728	10.5193	59.5697
1440.5000	-23.4543	59.7238	128.1502	0.0709	10.6784	59.7962
1440.7500	-23.5519	59.4817	128.1757	0.0718	10.9338	61.3328
1441.0000	-23.6227	59.5325	128.1964	0.0732	11.3626	62.9347
1441.2500	-23.6250	59.6745	128.2121	0.0720	11.9620	62.5494
1441.5000	-23.5810	59.6696	128.2265	0.0676	12.6146	59.7884
1441.7500	-23.5376	59.8841	128.2413	0.0630	13.1530	55.9777

1442.0000	-23.4981	59.4386	128.2560	0.0614	13.5429	52.1988
1442.2500	-23.4569	59.6158	128.2705	0.0624	13.9934	49.3278
1442.5000	-23.4509	59.7222	128.2854	0.0633	14.7845	48.7194
1442.7500	-23.4919	59.8746	128.3016	0.0623	15.9906	51.1472
1443.0000	-23.5172	59.8686	128.3192	0.0597	17.3333	56.2530
1443.2500	-23.4748	59.5942	128.3369	0.0569	18.1818	63.5922
1443.5000	-23.4133	59.5356	128.3531	0.0549	17.9271	72.9313
1443.7500	-23.4216	59.7761	128.3659	0.0542	16.6100	82.9838
1444.0000	-23.5018	59.4879	128.3754	0.0550	14.8968	91.5485
1444.2500	-23.5922	59.5465	128.3842	0.0572	13.3924	97.8853
1444.5000	-23.6814	59.5248	128.3952	0.0604	12.2971	103.1812
1444.7500	-23.7848	59.8611	128.4101	0.0642	11.5624	107.8387
1445.0000	-23.8545	59.9258	128.4292	0.0677	11.1177	110.8606
1445.2500	-23.8208	60.1058	128.4513	0.0699	10.9279	112.7903
1445.5000	-23.7019	59.5480	128.4739	0.0703	10.8963	115.9905
1445.7500	-23.5815	59.8903	128.4943	0.0683	10.8742	121.1384
1446.0000	-23.4979	59.5048	128.5109	0.0638	10.7866	126.2747
1446.2500	-23.4417	59.5742	128.5241	0.0575	10.6519	129.6692
1446.5000	-23.4245	59.6697	128.5357	0.0506	10.5141	131.1310
1446.7500	-23.4745	59.7868	128.5466	0.0446	10.4196	131.6853
1447.0000	-23.5663	59.5326	128.5568	0.0402	10.4134	133.2078
1447.2500	-23.6291	59.7992	128.5663	0.0374	10.5011	136.0496
1447.5000	-23.6444	59.4432	128.5752	0.0353	10.6167	138.4157
1447.7500	-23.6534	59.6682	128.5835	0.0336	10.6587	139.3322
1448.0000	-23.6756	59.7638	128.5914	0.0323	10.6004	139.0412
1448.2500	-23.7030	59.7654	128.5990	0.0317	10.5169	136.9482
1448.5000	-23.7379	59.4709	128.6064	0.0322	10.4700	132.6117
1448.7500	-23.7789	59.9593	128.6137	0.0334	10.4508	128.0765
1449.0000	-23.7876	59.5773	128.6213	0.0347	10.4462	126.1393
1449.2500	-23.7233	60.0765	128.6298	0.0356	10.4697	126.3927
1449.5000	-23.6140	60.2076	128.6396	0.0360	10.5222	125.6537
1449.7500	-23.5236	59.6665	128.6503	0.0364	10.5790	122.5708
1450.0000	-23.4635	59.9317	128.6607	0.0370	10.6209	119.1998
1450.2500	-23.4160	59.7069	128.6701	0.0374	10.6550	117.5041
1450.5000	-23.3990	59.7730	128.6785	0.0376	10.6887	116.7455
1450.7500	-23.4331	59.7160	128.6866	0.0379	10.7027	114.8982
1451.0000	-23.4864	59.7189	128.6953	0.0384	10.6800	111.8052
1451.2500	-23.5232	59.7360	128.7046	0.0388	10.6407	109.5892
1451.5000	-23.5638	59.7993	128.7149	0.0394	10.6166	109.0626
1451.7500	-23.6280	59.3291	128.7262	0.0404	10.6132	108.7216
1452.0000	-23.6663	59.6960	128.7375	0.0425	10.6185	107.8107
1452.2500	-23.6148	59.7207	128.7478	0.0455	10.6251	107.3574
1452.5000	-23.5022	59.6251	128.7573	0.0487	10.6360	108.4712
1452.7500	-23.4246	59.8686	128.7675	0.0508	10.6585	110.9876
1453.0000	-23.4014	59.4909	128.7802	0.0520	10.6946	113.4005
1453.2500	-23.3828	59.3938	128.7957	0.0528	10.7386	114.0509
1453.5000	-23.3742	59.9286	128.8123	0.0532	10.7799	112.6077
1453.7500	-23.4097	59.5773	128.8279	0.0521	10.8081	109.8774
1454.0000	-23.4543	60.0120	128.8415	0.0491	10.8224	107.0588
1454.2500	-23.4487	59.5249	128.8534	0.0448	10.8381	105.8690
1454.5000	-23.4254	59.6019	128.8636	0.0405	10.8728	107.4056
1454.7500	-23.4728	59.6204	128.8717	0.0382	10.9186	110.4717
1455.0000	-23.5871	59.5495	128.8785	0.0380	10.9436	112.6598
1455.2500	-23.6826	59.6112	128.8852	0.0389	10.9360	113.2531
1455.5000	-23.7237	59.8501	128.8933	0.0397	10.9187	113.7739
1455.7500	-23.7310	59.8593	128.9043	0.0404	10.9112	115.2361
1456.0000	-23.7008	59.5125	128.9176	0.0413	10.9096	116.6562

1456.2500	-23.6186	59.8979	128.9312	0.0427	10.9091	116.7868
1456.5000	-23.5204	59.5851	128.9430	0.0445	10.9138	115.7981
1456.7500	-23.4537	59.8732	128.9525	0.0460	10.9227	114.5782
1457.0000	-23.4104	59.8101	128.9610	0.0472	10.9300	113.3101
1457.2500	-23.3794	59.7207	128.9706	0.0491	10.9359	111.7625
1457.5000	-23.4038	59.7145	128.9823	0.0523	10.9457	109.9107
1457.7500	-23.5140	59.7420	128.9962	0.0560	10.9619	108.0249
1458.0000	-23.6483	59.7360	129.0120	0.0584	10.9791	106.8198
1458.2500	-23.7103	59.9473	129.0294	0.0579	10.9899	106.6000
1458.5000	-23.6929	59.6988	129.0475	0.0536	10.9947	106.2846
1458.7500	-23.6561	59.9118	129.0644	0.0455	11.0018	104.6103
1459.0000	-23.6135	59.8147	129.0779	0.0348	11.0159	102.0886
1459.2500	-23.5402	59.4601	129.0863	0.0256	11.0318	100.5369
1459.5000	-23.4495	59.5618	129.0895	0.0227	11.0424	100.8024
1459.7500	-23.3726	59.8919	129.0872	0.0266	11.0424	101.7924
1460.0000	-23.3001	59.5033	129.0816	0.0333	11.0251	102.4401
1460.2500	-23.2313	59.6020	129.0806	0.0393	10.9920	103.5870
1460.5000	-23.2206	59.8286	129.0929	0.0443	10.9595	106.3619
1460.7500	-23.2912	59.8162	129.1176	0.0495	10.9409	110.1542
1461.0000	-23.3824	59.5819	129.1444	0.0548	10.9344	113.0787
1461.2500	-23.4297	59.6066	129.1649	0.0573	10.9336	113.5670
1461.5000	-23.4444	59.7684	129.1781	0.0533	10.9363	111.7469
1461.7500	-23.4819	59.5003	129.1862	0.0439	10.9438	109.1208
1462.0000	-23.5492	59.7176	129.1913	0.0340	10.9545	106.7212
1462.2500	-23.6098	59.7545	129.1952	0.0273	10.9609	104.3062
1462.5000	-23.6491	59.2597	129.1994	0.0245	10.9612	100.7892
1462.7500	-23.6538	59.5048	129.2054	0.0256	10.9731	95.5771
1463.0000	-23.5796	59.5572	129.2124	0.0296	11.0293	89.6880
1463.2500	-23.4173	60.0014	129.2194	0.0350	11.1622	84.8642
1463.5000	-23.2599	59.5433	129.2272	0.0405	11.3816	81.8964
1463.7500	-23.2254	60.1338	129.2374	0.0448	11.6503	79.9022
1464.0000	-23.3092	59.5665	129.2504	0.0483	11.8806	77.3684
1464.2500	-23.4152	59.7376	129.2652	0.0511	11.9768	73.8022
1464.5000	-23.5037	59.2689	129.2804	0.0518	11.9176	69.5890
1464.7500	-23.5891	59.7422	129.2950	0.0489	11.8171	65.1111
1465.0000	-23.6525	59.7947	129.3090	0.0431	11.8529	61.3800
1465.2500	-23.6669	59.6698	129.3216	0.0376	12.1140	60.1051
1465.5000	-23.6622	59.7514	129.3308	0.0352	12.5722	61.7230
1465.7500	-23.6723	59.9917	129.3353	0.0349	13.1234	65.2654
1466.0000	-23.6698	59.6544	129.3366	0.0344	13.5559	70.3819
1466.2500	-23.6280	59.8841	129.3405	0.0333	13.6095	76.5487
1466.5000	-23.5770	59.3538	129.3508	0.0333	13.2082	81.1714
1466.7500	-23.5497	60.0827	129.3648	0.0354	12.5805	81.8344
1467.0000	-23.5268	60.4019	129.3777	0.0383	12.0692	79.4002
1467.2500	-23.4777	59.7376	129.3883	0.0391	11.8707	76.7636
1467.5000	-23.4308	59.4739	129.3975	0.0361	11.9878	75.5316
1467.7500	-23.4303	59.5835	129.4061	0.0314	12.3056	74.9857
1468.0000	-23.4511	60.0195	129.4133	0.0281	12.6379	74.4189
1468.2500	-23.4526	59.4600	129.4186	0.0265	12.7970	75.2636
1468.5000	-23.4673	59.8192	129.4229	0.0259	12.7356	78.4177
1468.7500	-23.5508	59.9701	129.4277	0.0254	12.5881	81.0285
1469.0000	-23.6687	59.6512	129.4339	0.0252	12.4767	79.4926
1469.2500	-23.7213	59.5465	129.4414	0.0257	12.3891	74.0926
1469.5000	-23.6768	59.8301	129.4494	0.0272	12.3215	68.1898
1469.7500	-23.5868	59.7238	129.4569	0.0285	12.3291	64.2336
1470.0000	-23.4829	59.4463	129.4636	0.0287	12.3942	62.0674
1470.2500	-23.3633	59.6697	129.4701	0.0278	12.4776	60.3703

1470.5000	-23.2665	59.8811	129.4773	0.0267	12.6212	58.4281
1470.7500	-23.2512	59.8501	129.4847	0.0260	12.7569	56.2424
1471.0000	-23.3011	59.7960	129.4913	0.0257	12.6286	54.1361
1471.2500	-23.3573	59.6020	129.4970	0.0249	12.1541	53.0902
1471.5000	-23.4158	59.6682	129.5028	0.0234	11.5967	53.9797
1471.7500	-23.4894	59.3307	129.5090	0.0220	11.2322	56.0905
1472.0000	-23.5395	59.6559	129.5150	0.0213	11.0935	58.1441
1472.2500	-23.5325	59.7699	129.5200	0.0207	11.0633	59.9867
1472.5000	-23.5112	60.0044	129.5241	0.0197	11.0445	61.6763
1472.7500	-23.5339	59.7962	129.5287	0.0184	11.0220	62.3772
1473.0000	-23.5723	60.1600	129.5338	0.0173	11.0297	61.4836
1473.2500	-23.5697	59.5573	129.5385	0.0166	11.1276	59.7057
1473.5000	-23.5494	59.8517	129.5422	0.0162	11.4097	58.2717
1473.7500	-23.5541	59.7698	129.5459	0.0155	11.9572	57.8418
1474.0000	-23.5616	59.5296	129.5497	0.0146	12.7189	58.4072
1474.2500	-23.5419	59.6220	129.5532	0.0141	13.4227	59.4222
1474.5000	-23.5260	59.5404	129.5564	0.0141	13.7191	59.7730
1474.7500	-23.5493	60.0549	129.5596	0.0138	13.5220	58.3401
1475.0000	-23.5884	60.2125	129.5630	0.0131	13.0315	55.0169
1475.2500	-23.6195	59.6837	129.5667	0.0123	12.4134	50.7766
1475.5000	-23.6661	60.1890	129.5704	0.0118	11.7673	47.1326
1475.7500	-23.7423	59.4524	129.5735	0.0114	11.2451	45.8975
1476.0000	-23.8053	59.6834	129.5758	0.0108	10.9152	48.0996
1476.2500	-23.8039	59.6636	129.5778	0.0097	10.7126	52.9879
1476.5000	-23.7485	59.8209	129.5800	0.0078	10.5823	59.1864
1476.7500	-23.6863	59.7052	129.5824	0.0056	10.5143	65.7876
1477.0000	-23.6321	59.5618	129.5847	0.0042	10.4913	71.7271
1477.2500	-23.5757	59.4818	129.5861	0.0037	10.4894	75.6492
1477.5000	-23.5281	59.6128	129.5860	0.0033	10.5110	77.0082
1477.7500	-23.5156	59.8562	129.5847	0.0024	10.5765	76.6789
1478.0000	-23.5330	59.5881	129.5841	0.0017	10.6708	76.3314
1478.2500	-23.5471	60.1505	129.5852	0.0018	10.7325	76.9071
1478.5000	-23.5562	60.0288	129.5866	0.0028	10.7279	77.3294
1478.7500	-23.5783	59.8514	129.5873	0.0039	10.7059	75.8061
1479.0000	-23.6017	59.7422	129.5881	0.0041	10.7246	72.3517
1479.2500	-23.6212	59.6869	129.5898	0.0032	10.7653	68.5920
1479.5000	-23.6766	59.5108	129.5916	0.0022	10.8030	65.4552
1479.7500	-23.7885	60.2155	129.5925	0.0016	10.9264	62.5064
1480.0000	-23.8840	59.6127	129.5923	0.0011	11.2608	59.9012
1480.2500	-23.8658	59.5248	129.5916	0.0002	11.7534	58.9779
1480.5000	-23.7524	59.7129	129.5910	-0.0009	12.1766	60.0441
1480.7500	-23.6379	59.5495	129.5906	-0.0012	12.3961	61.6452
1481.0000	-23.5496	59.6806	129.5904	-0.0005	12.4805	62.4422
1481.2500	-23.4736	59.8794	129.5901	0.0003	12.5357	62.5086
1481.5000	-23.4441	59.4925	129.5897	0.0006	12.6241	62.8498
1481.7500	-23.4934	59.8255	129.5901	0.0007	12.8332	63.9571
1482.0000	-23.5760	59.8592	129.5912	0.0006	13.2274	65.2985
1482.2500	-23.6275	59.5696	129.5921	0.0002	13.7342	66.7577
1482.5000	-23.6547	59.6173	129.5922	-0.0011	14.1423	69.2785
1482.7500	-23.6948	59.8702	129.5920	-0.0039	14.1798	73.2515
1483.0000	-23.7330	59.7284	129.5917	-0.0075	13.7087	77.5101
1483.2500	-23.7195	59.9225	129.5904	-0.0095	12.9226	80.5396
1483.5000	-23.6541	59.7839	129.5874	-0.0083	12.1748	82.1796
1483.7500	-23.5927	59.5865	129.5823	-0.0059	11.6096	83.4701
1484.0000	-23.5586	59.7715	129.5762	-0.0044	11.1604	84.6363
1484.2500	-23.5379	59.6004	129.5732	-0.0039	10.8314	84.6760
1484.5000	-23.5474	59.4617	129.5756	-0.0030	10.7420	83.1882

1484.7500	-23.6020	59.8995	129.5803	-0.0013	10.9207	81.1752
1485.0000	-23.6569	59.7283	129.5828	0.0006	11.2464	79.8591
1485.2500	-23.6620	59.4740	129.5827	0.0006	11.5825	79.3951
1485.5000	-23.6462	59.7314	129.5815	-0.0021	11.8567	79.2122
1485.7500	-23.6753	59.6698	129.5798	-0.0060	12.0379	79.3548
1486.0000	-23.7440	59.7205	129.5775	-0.0095	12.1070	80.7555
1486.2500	-23.8053	59.7160	129.5745	-0.0126	12.0484	84.3144
1486.5000	-23.8604	59.6390	129.5714	-0.0151	11.8248	89.6669
1486.7500	-23.9121	59.5494	129.5683	-0.0163	11.4180	94.7030
1487.0000	-23.8938	59.5526	129.5639	-0.0164	10.9396	97.3715
1487.2500	-23.7474	59.6003	129.5575	-0.0161	10.5746	97.8325
1487.5000	-23.5389	59.5123	129.5512	-0.0162	10.3812	97.2375
1487.7500	-23.4040	59.9578	129.5471	-0.0163	10.2750	94.8701
1488.0000	-23.3871	59.6189	129.5447	-0.0157	10.1658	88.8284
1488.2500	-23.4375	59.8255	129.5423	-0.0140	10.0303	80.0651
1488.5000	-23.5240	59.6543	129.5390	-0.0125	9.9010	72.7476
1488.7500	-23.6414	59.3368	129.5356	-0.0132	9.8191	69.4380
1489.0000	-23.7469	59.8993	129.5325	-0.0162	9.7887	68.7427
1489.2500	-23.7963	59.8780	129.5296	-0.0200	9.7824	68.0830
1489.5000	-23.8185	59.4016	129.5261	-0.0217	9.7782	66.7945
1489.7500	-23.8647	59.4015	129.5208	-0.0200	9.7756	66.0987
1490.0000	-23.9176	59.9948	129.5123	-0.0165	9.7862	67.0532
1490.2500	-23.9283	59.2844	129.5023	-0.0132	9.8380	69.4225
1490.5000	-23.8934	59.4893	129.4956	-0.0106	10.0061	72.2934
1490.7500	-23.8488	59.7684	129.4956	-0.0075	10.4501	74.8680
1491.0000	-23.8021	59.6036	129.4995	-0.0031	11.4370	76.8387
1491.2500	-23.7227	59.8162	129.5031	0.0019	13.2125	78.3431
1491.5000	-23.6233	59.6944	129.5049	0.0051	15.6106	79.7454
1491.7500	-23.5627	59.4694	129.5058	0.0049	17.8497	81.5657
1492.0000	-23.5535	59.8208	129.5061	0.0025	18.9993	84.1590
1492.2500	-23.5674	59.4046	129.5061	0.0005	18.6883	87.5086
1492.5000	-23.6178	59.6541	129.5059	-0.0004	17.2980	91.2208
1492.7500	-23.7399	60.0891	129.5053	-0.0008	15.5433	94.6263
1493.0000	-23.8860	59.4108	129.5045	-0.0006	13.9574	97.1399
1493.2500	-23.9549	59.8098	129.5041	0.0003	12.7077	98.2464
1493.5000	-23.9345	59.7777	129.5041	0.0013	11.7617	97.8283
1493.7500	-23.8834	60.1474	129.5042	0.0021	11.1306	96.9702
1494.0000	-23.8108	59.4232	129.5050	0.0030	10.8508	97.3966
1494.2500	-23.7060	59.6882	129.5068	0.0039	10.7798	99.5691
1494.5000	-23.6191	59.7130	129.5085	0.0046	10.6238	102.0847
1494.7500	-23.6082	59.5294	129.5096	0.0051	10.2643	103.6789
1495.0000	-23.6516	59.6574	129.5105	0.0052	9.8788	104.9989
1495.2500	-23.6873	59.4262	129.5119	0.0051	9.6478	107.1208
1495.5000	-23.7067	59.8083	129.5133	0.0051	9.5534	109.3215
1495.7500	-23.7313	59.7991	129.5144	0.0054	9.5066	109.9148
1496.0000	-23.7393	59.5942	129.5155	0.0050	9.4742	108.5449
1496.2500	-23.7090	59.6159	129.5170	0.0030	9.4631	106.6262
1496.5000	-23.6900	59.4462	129.5188	-0.0001	9.4822	105.6794
1496.7500	-23.7387	59.8639	129.5204	-0.0018	9.5233	105.8606
1497.0000	-23.8094	59.4648	129.5206	-0.0005	9.5590	106.8406
1497.2500	-23.8169	59.7098	129.5179	0.0021	9.5686	108.8519
1497.5000	-23.7652	59.4463	129.5130	0.0041	9.5571	112.1698
1497.7500	-23.7050	59.4401	129.5108	0.0049	9.5412	116.9616
1498.0000	-23.6411	59.5973	129.5144	0.0055	9.5345	122.7809
1498.2500	-23.5611	59.5943	129.5213	0.0070	9.5410	127.7455
1498.5000	-23.5009	59.9516	129.5270	0.0090	9.5541	129.9236
1498.7500	-23.5165	59.7375	129.5302	0.0095	9.5629	128.7193

1499.0000	-23.5951	59.8870	129.5316	0.0074	9.5599	124.6319
1499.2500	-23.6687	59.7004	129.5319	0.0044	9.5451	119.8343
1499.5000	-23.7063	59.7129	129.5311	0.0028	9.5237	117.1375
1499.7500	-23.7282	59.8593	129.5299	0.0027	9.4982	116.0787
1500.0000	-23.7460	59.5465	129.5292	0.0034	9.4736	113.3235
1500.2500	-23.7464	59.4940	129.5302	0.0045	9.4563	107.6968
1500.5000	-23.7346	59.4971	129.5326	0.0058	9.4474	101.1130
1500.7500	-23.7340	59.6281	129.5356	0.0071	9.4486	95.0963
1501.0000	-23.7296	60.1447	129.5384	0.0079	9.4647	90.3423
1501.2500	-23.6939	59.4463	129.5408	0.0080	9.5098	88.5960
1501.5000	-23.6558	59.5804	129.5427	0.0076	9.6148	91.6009
1501.7500	-23.6492	59.8024	129.5441	0.0072	9.8065	98.7227
1502.0000	-23.6363	59.6020	129.5451	0.0070	10.0638	107.3393
1502.2500	-23.5655	59.6852	129.5462	0.0070	10.2970	115.4010
1502.5000	-23.4808	59.5449	129.5479	0.0074	10.3732	121.9558
1502.7500	-23.4770	59.5141	129.5500	0.0079	10.2007	125.4071
1503.0000	-23.5550	59.7561	129.5524	0.0087	9.8375	124.1363
1503.2500	-23.6483	59.8487	129.5549	0.0094	9.4617	118.9415
1503.5000	-23.7516	59.4340	129.5574	0.0097	9.1815	112.6196
1503.7500	-23.8778	59.6143	129.5599	0.0094	8.9290	107.0914
1504.0000	-23.9576	59.6358	129.5624	0.0087	8.5304	102.0090
1504.2500	-23.9103	59.3892	129.5649	0.0080	7.8444	95.7695
1504.5000	-23.7800	59.4986	129.5672	0.0075	6.9114	87.3094
1504.7500	-23.6860	59.5648	129.5688	0.0071	6.0082	77.3496
1505.0000	-23.6595	59.5588	129.5698	0.0067	5.4538	67.6554
1505.2500	-23.6566	59.4446	129.5710	0.0064	5.3493	59.2953
1505.5000	-23.6801	59.6929	129.5725	0.0067	5.5955	52.3457
1505.7500	-23.7569	59.3399	129.5742	0.0076	6.0842	46.5238
1506.0000	-23.8442	59.7700	129.5759	0.0083	6.7417	41.7151
1506.2500	-23.8739	59.7669	129.5778	0.0084	7.4426	38.2131
1506.5000	-23.8622	59.3846	129.5807	0.0080	8.0282	36.3589
1506.7500	-23.8685	59.8455	129.5839	0.0068	8.4339	36.1704
1507.0000	-23.8933	60.0228	129.5864	0.0051	8.7229	37.2633
1507.2500	-23.9136	59.1657	129.5879	0.0046	8.9859	38.8100
1507.5000	-23.9395	59.4987	129.5885	0.0065	9.2591	40.0362
1507.7500	-23.9698	59.7268	129.5877	0.0092	9.5254	40.9419
1508.0000	-23.9546	59.7407	129.5860	0.0110	9.7344	41.9015
1508.2500	-23.8594	59.6266	129.5871	0.0118	9.8471	43.1897
1508.5000	-23.7375	59.6528	129.5936	0.0126	9.9076	45.5227
1508.7500	-23.6725	59.6405	129.6022	0.0149	10.0026	49.4915
1509.0000	-23.6746	59.9319	129.6084	0.0186	10.1484	54.2768
1509.2500	-23.7072	59.9285	129.6114	0.0217	10.2918	58.4474
1509.5000	-23.7618	59.7452	129.6136	0.0225	10.3831	61.8925
1509.7500	-23.8431	59.5773	129.6174	0.0222	10.4011	65.7845
1510.0000	-23.9190	59.8655	129.6232	0.0231	10.3596	70.5936
1510.2500	-23.9511	59.7144	129.6305	0.0259	10.3236	75.1859
1510.5000	-23.9597	59.4909	129.6385	0.0291	10.3668	78.0606
1510.7500	-23.9757	59.9871	129.6467	0.0316	10.4955	78.7989
1511.0000	-23.9647	59.5772	129.6547	0.0328	10.6631	78.1475
1511.2500	-23.8941	59.5342	129.6631	0.0335	10.8320	76.6147
1511.5000	-23.8190	59.5032	129.6719	0.0347	10.9887	73.8058
1511.7500	-23.8106	59.9565	129.6806	0.0374	11.1156	69.8576
1512.0000	-23.8392	59.5558	129.6889	0.0407	11.1627	66.0141
1512.2500	-23.8223	59.7052	129.6974	0.0435	11.1001	63.6424
1512.5000	-23.7663	59.7562	129.7080	0.0454	11.0075	63.6839
1512.7500	-23.7344	59.5881	129.7214	0.0473	11.0745	66.0702
1513.0000	-23.7268	59.5927	129.7362	0.0498	11.5744	69.5120

1513.2500	-23.7205	59.8904	129.7502	0.0527	12.7431	72.7146
1513.5000	-23.7574	59.5758	129.7628	0.0541	14.4653	75.4825
1513.7500	-23.8827	60.0213	129.7751	0.0526	16.3290	78.0710
1514.0000	-24.0350	59.6558	129.7885	0.0488	18.2130	79.9107
1514.2500	-24.0908	59.4663	129.8029	0.0446	20.4145	80.2431
1514.5000	-24.0196	59.9488	129.8163	0.0423	23.0797	79.8341
1514.7500	-23.8920	59.7330	129.8267	0.0427	25.8389	80.4612
1515.0000	-23.7562	59.5373	129.8338	0.0436	28.0715	82.6872
1515.2500	-23.6180	59.8240	129.8393	0.0434	29.4274	85.0958
1515.5000	-23.5118	59.9689	129.8474	0.0431	30.0322	85.8390
1515.7500	-23.4809	59.4710	129.8605	0.0440	30.2339	84.4901
1516.0000	-23.5062	59.6651	129.8757	0.0464	30.2883	82.3240
1516.2500	-23.5460	59.7346	129.8898	0.0498	30.2852	81.4588
1516.5000	-23.6069	59.8780	129.9025	0.0524	30.2357	83.2077
1516.7500	-23.6933	60.0861	129.9146	0.0531	30.1474	86.8284
1517.0000	-23.7623	59.8792	129.9265	0.0526	30.0175	90.0207
1517.2500	-23.7795	59.4786	129.9389	0.0520	29.8144	91.0451
1517.5000	-23.7505	60.1551	129.9523	0.0512	29.5466	90.6613
1517.7500	-23.6713	59.9072	129.9666	0.0501	29.3121	90.8243
1518.0000	-23.5137	59.3769	129.9809	0.0490	29.1412	92.0853
1518.2500	-23.3031	60.0379	129.9939	0.0479	28.8949	93.8447
1518.5000	-23.1392	59.8179	130.0049	0.0459	28.5185	96.2298
1518.7500	-23.0787	60.0642	130.0147	0.0426	28.1273	100.0753
1519.0000	-23.0731	59.4509	130.0246	0.0391	27.5931	104.8870
1519.2500	-23.0657	60.1752	130.0348	0.0365	26.3878	108.8176
1519.5000	-23.0789	59.7545	130.0441	0.0349	24.1142	111.1904
1519.7500	-23.1369	59.9396	130.0519	0.0339	21.0461	112.5344
1520.0000	-23.1883	59.8684	130.0590	0.0347	17.9620	112.5187
1520.2500	-23.1958	59.9688	130.0669	0.0383	15.4812	110.7762
1520.5000	-23.2035	59.5573	130.0747	0.0434	13.7455	108.6121
1520.7500	-23.2521	59.4462	130.0826	0.0476	12.6420	107.4455
1521.0000	-23.3016	59.7050	130.0940	0.0500	11.9586	107.3304
1521.2500	-23.2832	59.4832	130.1114	0.0511	11.4069	108.4094
1521.5000	-23.2000	59.6744	130.1308	0.0519	10.8407	111.2082
1521.7500	-23.1076	59.2920	130.1470	0.0526	10.3694	114.7867
1522.0000	-23.0180	59.6898	130.1591	0.0517	10.1120	117.6300
1522.2500	-22.9133	59.7484	130.1691	0.0479	10.0254	119.6682
1522.5000	-22.8318	59.8424	130.1786	0.0430	10.0104	121.2376
1522.7500	-22.8333	59.7221	130.1878	0.0394	10.0231	122.0614
1523.0000	-22.8936	59.9427	130.1973	0.0374	10.0483	122.1938
1523.2500	-22.9523	59.5079	130.2073	0.0358	10.0560	122.2391
1523.5000	-23.0258	59.8548	130.2169	0.0333	10.0305	122.6060
1523.7500	-23.1412	59.7113	130.2257	0.0295	10.0010	122.9776
1524.0000	-23.2322	59.5588	130.2339	0.0250	9.9948	122.7687
1524.2500	-23.2168	59.7576	130.2407	0.0225	9.9895	122.3867
1524.5000	-23.1313	59.4493	130.2452	0.0242	9.9574	122.2032
1524.7500	-23.0832	59.7838	130.2468	0.0281	9.9208	121.0215
1525.0000	-23.0931	59.5326	130.2473	0.0308	9.9219	118.0683
1525.2500	-23.0975	59.5171	130.2523	0.0318	9.9703	114.3892
1525.5000	-23.0749	59.2982	130.2653	0.0337	10.0526	111.1533
1525.7500	-23.0619	60.0072	130.2819	0.0394	10.1712	108.7623
1526.0000	-23.0672	59.8329	130.2955	0.0487	10.3359	107.3817
1526.2500	-23.0651	59.8008	130.3044	0.0562	10.5394	107.0915
1526.5000	-23.0650	59.5095	130.3125	0.0577	10.7991	108.0097
1526.7500	-23.0896	59.8097	130.3256	0.0549	11.1460	110.3469
1527.0000	-23.1116	59.5711	130.3447	0.0519	11.5031	113.5213
1527.2500	-23.1067	59.5957	130.3648	0.0505	11.7058	115.5558

1527.5000	-23.1123	60.0149	130.3807	0.0490	11.6774	114.9487
1527.7500	-23.1622	59.4694	130.3916	0.0444	11.4470	112.8824
1528.0000	-23.2137	59.9365	130.3993	0.0361	11.0636	112.2709
1528.2500	-23.2120	59.7593	130.4055	0.0273	10.6272	114.9652
1528.5000	-23.1757	59.7129	130.4106	0.0224	10.2805	119.6303
1528.7500	-23.1426	59.7176	130.4144	0.0223	10.0923	123.1911
1529.0000	-23.0900	59.6807	130.4169	0.0243	10.0231	125.2515
1529.2500	-22.9832	59.4864	130.4193	0.0255	9.9990	128.0344
1529.5000	-22.8708	59.7406	130.4254	0.0255	9.9767	132.2021
1529.7500	-22.8441	59.4000	130.4363	0.0250	9.9595	136.8434
1530.0000	-22.9045	59.9920	130.4480	0.0249	9.9720	141.4592
1530.2500	-22.9838	60.0180	130.4565	0.0268	10.0220	144.8433
1530.5000	-23.0729	59.5989	130.4616	0.0297	10.0893	145.6124
1530.7500	-23.2013	59.9840	130.4644	0.0313	10.1435	144.6219
1531.0000	-23.3240	59.6405	130.4668	0.0312	10.1718	143.7089
1531.2500	-23.3527	59.8886	130.4729	0.0303	10.1904	143.0132
1531.5000	-23.2859	59.8023	130.4848	0.0300	10.2161	141.2176
1531.7500	-23.1899	59.9565	130.4989	0.0324	10.2352	137.5235
1532.0000	-23.0847	60.0364	130.5103	0.0380	10.2163	132.8667
1532.2500	-22.9647	59.7036	130.5172	0.0432	10.1537	129.6145
1532.5000	-22.8705	59.6821	130.5217	0.0447	10.0856	129.4247
1532.7500	-22.8403	59.8114	130.5292	0.0436	10.0514	131.4304
1533.0000	-22.8428	60.0164	130.5427	0.0428	10.0552	133.1840
1533.2500	-22.8462	60.1755	130.5592	0.0435	10.0814	132.9512
1533.5000	-22.8889	59.4725	130.5741	0.0452	10.1216	131.0067
1533.7500	-22.9941	59.8701	130.5861	0.0458	10.1693	129.1016
1534.0000	-23.0848	60.2248	130.5959	0.0443	10.2050	128.3257
1534.2500	-23.0776	59.5232	130.6042	0.0418	10.2066	127.8661
1534.5000	-23.0144	59.7500	130.6120	0.0402	10.1765	126.5819
1534.7500	-22.9995	59.6297	130.6208	0.0397	10.1439	124.5753
1535.0000	-23.0350	59.7977	130.6312	0.0397	10.1327	122.8443
1535.2500	-23.0510	59.4324	130.6428	0.0398	10.1416	122.1484
1535.5000	-23.0458	59.9918	130.6546	0.0396	10.1584	122.0593
1535.7500	-23.0629	59.6312	130.6656	0.0388	10.1733	121.6970
1536.0000	-23.0947	60.0919	130.6754	0.0377	10.1797	120.9530
1536.2500	-23.1072	59.4386	130.6838	0.0362	10.1756	119.5868
1536.5000	-23.1103	59.5789	130.6912	0.0348	10.1645	117.0031
1536.7500	-23.1289	60.0614	130.6985	0.0335	10.1548	113.9117
1537.0000	-23.1488	59.6404	130.7066	0.0327	10.1573	111.9089
1537.2500	-23.1550	59.8086	130.7153	0.0326	10.1779	111.3672
1537.5000	-23.1688	59.6173	130.7241	0.0334	10.2126	111.0092
1537.7500	-23.2011	59.7392	130.7326	0.0345	10.2531	109.8845
1538.0000	-23.2168	59.6205	130.7407	0.0355	10.2862	108.9488
1538.2500	-23.1855	59.9041	130.7490	0.0361	10.2823	109.3769
1538.5000	-23.1339	59.5249	130.7580	0.0358	10.2117	110.9846
1538.7500	-23.0988	59.8393	130.7676	0.0345	10.0990	113.2332
1539.0000	-23.0581	59.7839	130.7776	0.0324	10.0252	115.3674
1539.2500	-22.9707	59.6790	130.7874	0.0299	10.0398	116.2827
1539.5000	-22.8754	59.4786	130.7957	0.0270	10.1140	115.9538
1539.7500	-22.8541	59.7452	130.8016	0.0245	10.1911	115.9959
1540.0000	-22.9000	59.6296	130.8055	0.0227	10.2387	117.6487
1540.2500	-22.9538	59.6436	130.8087	0.0219	10.2570	119.3799
1540.5000	-23.0277	59.7299	130.8121	0.0222	10.2658	118.3811
1540.7500	-23.1512	59.7513	130.8165	0.0235	10.2849	114.5528
1541.0000	-23.2702	59.9534	130.8230	0.0256	10.3306	110.6841
1541.2500	-23.3140	59.6497	130.8313	0.0285	10.4168	108.7459
1541.5000	-23.2967	59.9408	130.8401	0.0318	10.5325	108.2854

1541.7500	-23.2639	59.5773	130.8485	0.0347	10.6263	108.5101
1542.0000	-23.2041	59.3707	130.8568	0.0364	10.6435	109.4176
1542.2500	-23.1013	59.6143	130.8658	0.0366	10.5857	110.5201
1542.5000	-23.0025	59.6420	130.8757	0.0354	10.5170	111.1409
1542.7500	-22.9567	59.8162	130.8859	0.0334	10.4942	111.3758
1543.0000	-22.9450	59.5280	130.8958	0.0306	10.5109	111.0250
1543.2500	-22.9348	59.8207	130.9044	0.0270	10.5249	109.4789
1543.5000	-22.9470	59.4493	130.9109	0.0231	10.5123	107.2399
1543.7500	-23.0020	59.8699	130.9152	0.0197	10.4821	106.1393
1544.0000	-23.0569	59.7886	130.9179	0.0177	10.4583	107.9428
1544.2500	-23.0620	59.6251	130.9198	0.0173	10.4518	112.7528
1544.5000	-23.0458	59.2428	130.9218	0.0188	10.4534	118.2478
1544.7500	-23.0717	59.8669	130.9253	0.0222	10.4576	120.6534
1545.0000	-23.1265	59.7716	130.9312	0.0266	10.4814	117.9285
1545.2500	-23.1496	59.8792	130.9391	0.0308	10.5437	111.8316
1545.5000	-23.1434	59.5881	130.9485	0.0339	10.6308	105.5583
1545.7500	-23.1488	59.3059	130.9595	0.0350	10.7095	100.9379
1546.0000	-23.1490	59.7669	130.9712	0.0335	10.7882	98.2520
1546.2500	-23.0985	59.7807	130.9814	0.0298	10.9180	96.8024
1546.5000	-23.0238	59.5679	130.9895	0.0261	11.1027	95.9689
1546.7500	-22.9857	59.6451	130.9953	0.0236	11.2523	95.8952
1547.0000	-22.9750	59.7869	130.9982	0.0218	11.2712	96.5719
1547.2500	-22.9593	59.7946	130.9987	0.0196	11.1833	96.8254
1547.5000	-22.9630	59.5726	131.0006	0.0173	11.1211	94.7766
1547.7500	-23.0147	59.5157	131.0068	0.0161	11.1682	90.3056
1548.0000	-23.0758	59.6836	131.0147	0.0170	11.2621	85.9905
1548.2500	-23.1017	59.8006	131.0206	0.0194	11.3000	83.8815
1548.5000	-23.1140	59.8255	131.0240	0.0203	11.2935	83.3109
1548.7500	-23.1339	59.5033	131.0274	0.0175	11.3621	82.7966
1549.0000	-23.1195	59.9318	131.0321	0.0129	11.5955	81.8446
1549.2500	-23.0358	59.5542	131.0375	0.0110	11.9782	80.8425
1549.5000	-22.9303	59.8361	131.0413	0.0122	12.4328	80.5391
1549.7500	-22.8850	59.9443	131.0418	0.0129	12.8604	81.2916
1550.0000	-22.9130	59.4694	131.0406	0.0108	13.1577	82.1772
1550.2500	-22.9736	60.0938	131.0425	0.0087	13.2867	81.8865
1550.5000	-23.0622	59.6112	131.0485	0.0103	13.3490	80.4652
1550.7500	-23.1944	59.5865	131.0533	0.0149	13.5304	78.9015
1551.0000	-23.3199	59.1826	131.0538	0.0195	13.9381	78.0519
1551.2500	-23.3656	59.5880	131.0550	0.0214	14.5350	78.3781
1551.5000	-23.3494	59.6082	131.0618	0.0210	15.2440	79.6641
1551.7500	-23.3247	60.0598	131.0716	0.0217	16.0279	81.3297
1552.0000	-23.2670	59.8360	131.0797	0.0244	16.8280	82.6493
1552.2500	-23.1509	59.6543	131.0852	0.0263	17.4710	82.8221
1552.5000	-23.0397	59.5402	131.0905	0.0250	17.6925	82.4691
1552.7500	-22.9950	59.4493	131.0966	0.0223	17.3218	83.8365
1553.0000	-22.9861	60.1027	131.1026	0.0202	16.4488	88.1513
1553.2500	-22.9669	59.6066	131.1075	0.0187	15.3216	94.2775
1553.5000	-22.9634	59.7638	131.1119	0.0169	14.1241	100.2216
1553.7500	-23.0075	59.2844	131.1163	0.0148	13.0027	104.4709
1554.0000	-23.0594	59.6819	131.1202	0.0132	12.1607	106.2368
1554.2500	-23.0688	59.7189	131.1227	0.0127	11.7161	106.2505
1554.5000	-23.0689	59.7191	131.1243	0.0128	11.5650	106.8452
1554.7500	-23.1264	59.4047	131.1262	0.0128	11.4626	109.7768
1555.0000	-23.2188	59.5264	131.1290	0.0129	11.2255	114.4372
1555.2500	-23.2634	59.9057	131.1328	0.0133	10.8830	118.8880
1555.5000	-23.2429	59.8918	131.1374	0.0131	10.5918	122.2466
1555.7500	-23.1995	59.6513	131.1419	0.0110	10.4255	124.9460

1556.0000	-23.1488	59.7161	131.1460	0.0073	10.3446	127.0765
1556.2500	-23.0841	60.5083	131.1492	0.0044	10.3027	128.1955
1556.5000	-23.0342	59.7840	131.1505	0.0040	10.2821	128.4543
1556.7500	-23.0364	59.5371	131.1482	0.0049	10.2705	128.3252
1557.0000	-23.0707	59.6065	131.1436	0.0049	10.2528	127.7835
1557.2500	-23.0916	59.6173	131.1416	0.0042	10.2227	127.1502
1557.5000	-23.0999	60.0229	131.1455	0.0038	10.1919	127.0587
1557.7500	-23.1208	59.7899	131.1516	0.0050	10.1762	126.7502
1558.0000	-23.1415	59.5649	131.1557	0.0074	10.1737	125.0569
1558.2500	-23.1476	59.6651	131.1575	0.0087	10.1706	122.1490
1558.5000	-23.1692	59.6220	131.1582	0.0075	10.1612	118.3399
1558.7500	-23.2072	59.8407	131.1582	0.0056	10.1530	113.4447
1559.0000	-23.1925	59.8748	131.1583	0.0050	10.1612	108.0236
1559.2500	-23.0883	59.4710	131.1590	0.0054	10.2022	103.4612
1559.5000	-22.9621	59.8068	131.1604	0.0061	10.2771	100.7595
1559.7500	-22.9025	59.3939	131.1628	0.0069	10.3490	99.9240
1560.0000	-22.9087	59.7914	131.1657	0.0077	10.3759	100.6021
1560.2500	-22.9371	59.5156	131.1683	0.0083	10.3756	102.4719
1560.5000	-22.9949	59.8038	131.1704	0.0081	10.4146	104.9818
1560.7500	-23.0933	59.6221	131.1720	0.0071	10.5252	107.5187
1561.0000	-23.1810	59.7083	131.1737	0.0061	10.6732	109.2371
1561.2500	-23.2103	59.5248	131.1755	0.0056	10.8045	109.1358
1561.5000	-23.2098	59.5124	131.1766	0.0058	10.8853	107.0436
1561.7500	-23.2169	59.9347	131.1771	0.0063	10.9039	103.3934
1562.0000	-23.2050	59.3430	131.1778	0.0066	10.8671	98.2625
1562.2500	-23.1525	59.5880	131.1796	0.0066	10.7961	91.8527
1562.5000	-23.0994	59.7699	131.1820	0.0065	10.7079	85.0859
1562.7500	-23.0714	59.7869	131.1846	0.0064	10.5983	79.1429
1563.0000	-23.0290	59.5080	131.1869	0.0060	10.4603	75.2837
1563.2500	-22.9598	59.8501	131.1886	0.0052	10.3143	74.2265
1563.5000	-22.9313	59.4186	131.1897	0.0045	10.2013	75.0190
1563.7500	-22.9801	59.7731	131.1899	0.0042	10.1384	75.9144
1564.0000	-23.0504	59.5603	131.1898	0.0043	10.1118	76.2055
1564.2500	-23.0845	60.0025	131.1900	0.0046	10.1034	76.0832
1564.5000	-23.0956	59.8008	131.1911	0.0052	10.1026	75.9686
1564.7500	-23.1301	59.7559	131.1930	0.0061	10.1059	76.5938
1565.0000	-23.1877	59.7761	131.1954	0.0072	10.1106	78.4062
1565.2500	-23.2277	59.3492	131.1978	0.0082	10.1111	81.2003
1565.5000	-23.2384	59.6759	131.2001	0.0093	10.1050	84.7793
1565.7500	-23.2384	59.4616	131.2022	0.0107	10.0948	89.0186
1566.0000	-23.2184	59.6913	131.2041	0.0118	10.0804	93.6459
1566.2500	-23.1545	59.7914	131.2063	0.0119	10.0612	98.2921
1566.5000	-23.0771	59.6358	131.2097	0.0110	10.0417	102.1815
1566.7500	-23.0419	59.6020	131.2145	0.0098	10.0288	104.8321
1567.0000	-23.0460	59.6081	131.2190	0.0091	10.0250	106.7689
1567.2500	-23.0577	59.5557	131.2216	0.0090	10.0251	108.3096
1567.5000	-23.0910	59.8255	131.2220	0.0086	10.0240	108.6153
1567.7500	-23.1767	60.4049	131.2217	0.0074	10.0244	106.8238
1568.0000	-23.2869	59.7746	131.2224	0.0064	10.0289	103.7592
1568.2500	-23.3599	59.7143	131.2244	0.0068	10.0359	101.3400
1568.5000	-23.3864	59.6004	131.2269	0.0087	10.0430	100.1725
1568.7500	-23.3831	59.7774	131.2293	0.0107	10.0437	99.1584
1569.0000	-23.3243	59.9488	131.2319	0.0122	10.0366	97.4485
1569.2500	-23.1962	59.8114	131.2352	0.0129	10.0316	95.6068
1569.5000	-23.0641	59.6960	131.2393	0.0139	10.0380	94.6857
1569.7500	-23.0030	59.4417	131.2432	0.0151	10.0642	94.7649
1570.0000	-23.0080	60.0367	131.2467	0.0161	10.1359	94.4731

1570.2500	-23.0373	59.8592	131.2503	0.0166	10.3016	92.0478
1570.5000	-23.0940	59.6852	131.2547	0.0163	10.6156	87.5033
1570.7500	-23.1859	59.4786	131.2596	0.0153	11.1172	83.3041
1571.0000	-23.2585	59.6821	131.2641	0.0138	11.8444	81.3333
1571.2500	-23.2578	59.8070	131.2684	0.0135	12.8600	80.6506
1571.5000	-23.2249	59.8516	131.2720	0.0154	14.1648	79.9668
1571.7500	-23.2233	59.7823	131.2739	0.0183	15.4831	79.9640
1572.0000	-23.2268	59.4386	131.2744	0.0204	16.2114	81.8351
1572.2500	-23.1885	59.7191	131.2773	0.0214	15.8449	85.0616
1572.5000	-23.1410	59.5957	131.2855	0.0226	14.5756	88.3224
1572.7500	-23.1377	59.5957	131.2961	0.0251	13.2000	91.8867
1573.0000	-23.1541	59.5034	131.3049	0.0287	12.2674	96.6619
1573.2500	-23.1272	59.7807	131.3112	0.0309	11.6718	102.0287
1573.5000	-23.0681	59.7838	131.3171	0.0301	11.1718	106.3564
1573.7500	-23.0337	59.7467	131.3241	0.0277	10.7976	108.3878
1574.0000	-23.0224	59.5758	131.3318	0.0259	10.6081	107.8905
1574.2500	-23.0005	59.7422	131.3391	0.0252	10.4899	105.6658
1574.5000	-22.9864	59.6606	131.3457	0.0246	10.3370	102.4454
1574.7500	-23.0224	59.7283	131.3515	0.0231	10.1810	98.1438
1575.0000	-23.0964	59.6127	131.3567	0.0210	10.0823	93.2444
1575.2500	-23.1657	59.5186	131.3616	0.0190	10.0405	89.1140
1575.5000	-23.2238	59.6065	131.3663	0.0176	10.0361	85.5259
1575.7500	-23.2685	59.3307	131.3703	0.0169	10.0889	80.4461
1576.0000	-23.2601	60.0811	131.3739	0.0169	10.2619	73.4128
1576.2500	-23.1796	59.4539	131.3772	0.0170	10.6051	67.1397
1576.5000	-23.0813	59.9489	131.3808	0.0174	11.0782	64.8878
1576.7500	-23.0287	59.7994	131.3853	0.0182	11.5479	67.0318
1577.0000	-23.0197	59.9593	131.3904	0.0191	11.8810	71.4432
1577.2500	-23.0342	59.4077	131.3956	0.0201	12.0084	76.6739
1577.5000	-23.0908	59.9363	131.4010	0.0211	11.9142	82.6748
1577.7500	-23.1989	59.3984	131.4067	0.0219	11.6392	89.1499
1578.0000	-23.3069	59.7882	131.4122	0.0224	11.2720	95.1315
1578.2500	-23.3534	59.6667	131.4175	0.0230	10.8878	99.8215
1578.5000	-23.3433	59.3507	131.4231	0.0239	10.5423	103.0002
1578.7500	-23.3125	59.5217	131.4291	0.0251	10.2934	104.4179
1579.0000	-23.2536	59.5912	131.4353	0.0261	10.1555	103.5857
1579.2500	-23.1520	59.7129	131.4417	0.0264	10.0882	100.8154
1579.5000	-23.0521	59.4571	131.4489	0.0259	10.0555	97.1467
1579.7500	-23.0066	59.6682	131.4569	0.0255	10.0445	92.8716
1580.0000	-22.9982	59.3892	131.4644	0.0255	10.0423	87.7707
1580.2500	-22.9974	59.9301	131.4703	0.0255	10.0333	82.9170
1580.5000	-23.0391	59.9967	131.4750	0.0246	10.0167	80.2439
1580.7500	-23.1440	59.9131	131.4801	0.0229	10.0045	80.2483
1581.0000	-23.2338	59.8501	131.4863	0.0214	10.0038	81.4398
1581.2500	-23.2235	59.5820	131.4926	0.0212	10.0111	81.5435
1581.5000	-23.1544	59.8517	131.4981	0.0220	10.0161	78.8564
1581.7500	-23.1382	59.8762	131.5027	0.0234	10.0139	73.4535
1582.0000	-23.1881	59.9611	131.5073	0.0250	10.0117	67.7617
1582.2500	-23.2240	60.0210	131.5126	0.0271	10.0170	64.8484
1582.5000	-23.2156	59.5295	131.5191	0.0296	10.0259	65.5666
1582.7500	-23.1972	59.9670	131.5268	0.0313	10.0299	68.2182
1583.0000	-23.1708	59.5002	131.5362	0.0316	10.0253	70.7491
1583.2500	-23.1050	59.8672	131.5469	0.0308	10.0142	72.3280
1583.5000	-23.0251	59.9809	131.5572	0.0296	10.0037	73.2858
1583.7500	-22.9858	59.4847	131.5653	0.0281	10.0005	74.5178
1584.0000	-22.9752	59.3476	131.5705	0.0255	10.0035	76.8839
1584.2500	-22.9606	59.5233	131.5742	0.0212	10.0051	80.9191

1584.5000	-22.9695	59.5003	131.5782	0.0166	10.0007	86.5538
1584.7500	-23.0365	59.9226	131.5831	0.0134	9.9963	92.8518
1585.0000	-23.1242	59.7345	131.5872	0.0125	9.9956	97.9712
1585.2500	-23.1735	59.7962	131.5894	0.0131	9.9943	100.3917
1585.5000	-23.1859	59.3768	131.5904	0.0154	9.9931	101.1118
1585.7500	-23.1824	59.8038	131.5921	0.0198	9.9970	102.2194
1586.0000	-23.1424	59.6667	131.5955	0.0252	10.0052	103.4834
1586.2500	-23.0477	59.8623	131.6005	0.0295	10.0136	103.6272
1586.5000	-22.9480	59.5527	131.6091	0.0324	10.0178	103.0856
1586.7500	-22.9168	59.5664	131.6228	0.0340	10.0186	102.6722
1587.0000	-22.9504	59.9285	131.6376	0.0349	10.0348	101.5481
1587.2500	-22.9924	59.8330	131.6484	0.0353	10.0976	98.3187
1587.5000	-23.0347	59.6729	131.6551	0.0337	10.2220	92.9078
1587.7500	-23.1005	59.9950	131.6602	0.0296	10.3760	86.5110
1588.0000	-23.1646	59.8070	131.6654	0.0252	10.4972	80.4746
1588.2500	-23.1805	59.6726	131.6710	0.0232	10.5701	75.6888
1588.5000	-23.1655	59.8672	131.6765	0.0237	10.6767	72.3617
1588.7500	-23.1636	59.5234	131.6820	0.0250	10.9200	70.4357
1589.0000	-23.1512	59.6511	131.6881	0.0257	11.2907	69.9029
1589.2500	-23.0777	59.6221	131.6949	0.0254	11.6904	69.9563
1589.5000	-22.9714	59.9500	131.7025	0.0249	12.0879	69.2277
1589.7500	-22.9111	59.5141	131.7102	0.0249	12.4850	67.3037
1590.0000	-22.9074	59.7576	131.7167	0.0253	12.7084	64.9293
1590.2500	-22.9217	59.6650	131.7218	0.0256	12.4882	62.9284
1590.5000	-22.9625	59.7992	131.7263	0.0258	11.8444	61.3992
1590.7500	-23.0489	59.7006	131.7318	0.0263	11.1591	60.0521
1591.0000	-23.1275	59.7084	131.7386	0.0274	10.7948	58.8725
1591.2500	-23.1284	59.6420	131.7461	0.0285	10.8652	57.8005
1591.5000	-23.0780	59.6173	131.7541	0.0287	11.3562	56.6856
1591.7500	-23.0640	59.8610	131.7628	0.0273	12.2560	55.8573
1592.0000	-23.1052	59.5388	131.7715	0.0248	13.5198	55.7943
1592.2500	-23.1584	59.5588	131.7787	0.0236	14.9684	56.4406
1592.5000	-23.2140	59.5990	131.7836	0.0244	16.2576	57.6745
1592.7500	-23.2770	60.0984	131.7863	0.0244	16.9419	59.9811
1593.0000	-23.3000	59.6806	131.7882	0.0222	16.6323	63.5633
1593.2500	-23.2349	59.3999	131.7932	0.0203	15.2914	67.3969
1593.5000	-23.1228	59.7559	131.8028	0.0213	13.4544	69.8938
1593.7500	-23.0417	59.5064	131.8116	0.0244	11.9023	70.0421
1594.0000	-22.9983	59.7499	131.8159	0.0275	11.0090	68.3268
1594.2500	-22.9660	59.6250	131.8193	0.0289	10.6269	66.5409
1594.5000	-22.9645	59.7437	131.8262	0.0284	10.4897	65.7479
1594.7500	-23.0162	59.8484	131.8351	0.0284	10.4498	65.1941
1595.0000	-23.0827	59.6744	131.8432	0.0296	10.4471	64.1852
1595.2500	-23.1259	59.6851	131.8510	0.0302	10.4508	63.4875
1595.5000	-23.1745	60.0275	131.8596	0.0286	10.4498	64.1157
1595.7500	-23.2452	59.7944	131.8683	0.0266	10.4558	66.1612
1596.0000	-23.2782	59.7172	131.8751	0.0261	10.4863	68.8927
1596.2500	-23.2177	59.7746	131.8797	0.0263	10.5384	71.1612
1596.5000	-23.1042	60.2354	131.8834	0.0262	10.5869	72.1473
1596.7500	-23.0278	59.7853	131.8883	0.0261	10.6196	71.8291
1597.0000	-23.0108	59.6989	131.8953	0.0270	10.6637	70.5078
1597.2500	-23.0167	59.7113	131.9035	0.0291	10.7517	68.6841
1597.5000	-23.0419	59.4523	131.9120	0.0311	10.8724	66.8693
1597.7500	-23.1044	59.8638	131.9204	0.0313	10.9716	65.2843
1598.0000	-23.1778	59.4648	131.9291	0.0298	10.9939	65.0534
1598.2500	-23.2245	59.6944	131.9379	0.0275	10.9312	67.9600
1598.5000	-23.2648	59.3399	131.9455	0.0252	10.8479	73.5146

1598.7500	-23.3206	59.8901	131.9509	0.0223	10.8207	78.5056
1599.0000	-23.3408	59.9504	131.9548	0.0188	10.8502	80.4013
1599.2500	-23.2819	59.6726	131.9586	0.0158	10.9018	79.8918
1599.5000	-23.1916	59.5710	131.9624	0.0148	10.9885	79.8571
1599.7500	-23.1326	59.5418	131.9650	0.0159	11.1175	82.3944
1600.0000	-23.0896	59.8548	131.9667	0.0179	11.2122	86.9580
1600.2500	-23.0353	59.3245	131.9695	0.0192	11.1878	91.1147
1600.5000	-23.0089	59.6451	131.9751	0.0193	11.0799	93.3048
1600.7500	-23.0448	59.4493	131.9827	0.0195	10.9910	94.3638
1601.0000	-23.1040	59.7392	131.9906	0.0203	10.9342	95.8101
1601.2500	-23.1296	59.6682	131.9969	0.0207	10.8426	97.8216
1601.5000	-23.1226	59.4632	132.0010	0.0196	10.7017	99.3300
1601.7500	-23.1271	59.9041	132.0040	0.0176	10.5679	99.3907
1602.0000	-23.1556	59.7714	132.0072	0.0162	10.4848	98.3163
1602.2500	-23.1899	59.8623	132.0109	0.0163	10.4513	97.5379
1602.5000	-23.2318	59.6298	132.0144	0.0180	10.4463	98.2052
1602.7500	-23.2752	59.7129	132.0180	0.0200	10.4473	100.1495
1603.0000	-23.2769	59.6806	132.0229	0.0210	10.4423	102.2087
1603.2500	-23.2129	59.6173	132.0295	0.0213	10.4354	103.2635
1603.5000	-23.1278	59.7668	132.0370	0.0217	10.4354	103.1613
1603.7500	-23.0827	59.9670	132.0439	0.0222	10.4423	102.3865
1604.0000	-23.0857	59.5664	132.0493	0.0222	10.4473	100.8926
1604.2500	-23.1178	59.4323	132.0535	0.0211	10.4460	98.7275
1604.5000	-23.1845	59.7884	132.0577	0.0195	10.4472	97.1482
1604.7500	-23.2903	59.3552	132.0623	0.0187	10.4601	97.1702
1605.0000	-23.3841	59.5803	132.0672	0.0193	10.4772	98.2947
1605.2500	-23.3998	59.7223	132.0717	0.0203	10.4792	99.4045
1605.5000	-23.3530	59.8622	132.0761	0.0206	10.4565	99.7418
1605.7500	-23.3025	59.6897	132.0814	0.0201	10.4197	99.0851
1606.0000	-23.2437	59.2782	132.0879	0.0194	10.3868	97.6686
1606.2500	-23.1479	59.5140	132.0942	0.0188	10.3671	96.3703
1606.5000	-23.0510	59.3799	132.0990	0.0181	10.3614	96.0438
1606.7500	-23.0055	59.8269	132.1026	0.0173	10.3642	95.9046
1607.0000	-22.9941	59.6160	132.1060	0.0167	10.3668	94.1605
1607.2500	-22.9876	59.9132	132.1093	0.0172	10.3647	90.4736
1607.5000	-23.0297	59.8811	132.1123	0.0191	10.3599	86.5156
1607.7500	-23.1581	59.7268	132.1160	0.0216	10.3574	84.6596
1608.0000	-23.3007	59.7515	132.1213	0.0233	10.3573	86.1970
1608.2500	-23.3610	59.8686	132.1285	0.0235	10.3571	90.3844
1608.5000	-23.3574	59.6143	132.1371	0.0231	10.3583	95.5340
1608.7500	-23.3608	59.3584	132.1458	0.0225	10.3597	99.8138
1609.0000	-23.3663	59.8270	132.1525	0.0202	10.3596	101.3144
1609.2500	-23.3468	59.5173	132.1563	0.0150	10.3640	99.4093
1609.5000	-23.3297	59.7944	132.1586	0.0090	10.3796	95.3563
1609.7500	-23.3377	59.8638	132.1610	0.0070	10.4087	91.0727
1610.0000	-23.3305	60.1011	132.1618	0.0108	10.4515	88.2248
1610.2500	-23.2649	59.4987	132.1586	0.0165	10.5060	87.6055
1610.5000	-23.1805	59.7037	132.1550	0.0196	10.5608	89.0285
1610.7500	-23.1432	59.6513	132.1598	0.0196	10.5920	92.1285
1611.0000	-23.1458	59.5896	132.1742	0.0196	10.5814	96.0226
1611.2500	-23.1523	59.7977	132.1893	0.0236	10.5345	98.9172
1611.5000	-23.1684	60.1598	132.1979	0.0307	10.4729	100.1334
1611.7500	-23.2046	59.7067	132.2002	0.0345	10.4241	101.3059
1612.0000	-23.2345	59.3044	132.2010	0.0318	10.4170	104.3717
1612.2500	-23.2427	59.7160	132.2058	0.0271	10.4602	109.3566
1612.5000	-23.2595	59.6190	132.2165	0.0256	10.5242	114.4750
1612.7500	-23.2961	59.7823	132.2288	0.0277	10.5574	118.1250

1613.0000	-23.3003	59.7099	132.2377	0.0308	10.5347	120.2989
1613.2500	-23.2243	59.6221	132.2436	0.0317	10.4824	121.7787
1613.5000	-23.1057	59.7466	132.2491	0.0297	10.4461	123.0580
1613.7500	-23.0293	59.6467	132.2556	0.0272	10.4486	124.5909
1614.0000	-23.0175	59.8255	132.2625	0.0269	10.4756	126.4306
1614.2500	-23.0398	59.4555	132.2692	0.0282	10.4937	127.1470
1614.5000	-23.0967	59.7653	132.2758	0.0295	10.5072	125.4142
1614.7500	-23.1980	59.9505	132.2832	0.0300	10.6012	122.4771
1615.0000	-23.2979	59.6928	132.2916	0.0298	10.8758	120.1138
1615.2500	-23.3435	59.7744	132.3000	0.0295	11.3205	117.2916
1615.5000	-23.3531	59.4046	132.3080	0.0292	11.7902	112.0400
1615.7500	-23.3592	59.6667	132.3155	0.0286	12.0909	105.4301
1616.0000	-23.3327	59.5356	132.3222	0.0277	12.0607	100.8387
1616.2500	-23.2542	60.0425	132.3282	0.0273	11.6706	99.7563
1616.5000	-23.1869	59.5910	132.3343	0.0275	11.1237	100.8388
1616.7500	-23.1929	59.9041	132.3404	0.0274	10.7268	102.2490
1617.0000	-23.2274	59.6929	132.3470	0.0269	10.6146	102.6128
1617.2500	-23.2005	59.9720	132.3546	0.0259	10.7036	101.4833
1617.5000	-23.1232	59.4108	132.3630	0.0242	10.8661	99.6447
1617.7500	-23.0786	59.5110	132.3703	0.0218	11.0423	97.8415
1618.0000	-23.0840	59.8347	132.3760	0.0191	11.2055	96.4352
1618.2500	-23.0967	59.7562	132.3801	0.0175	11.2950	95.8883
1618.5000	-23.1131	59.7577	132.3827	0.0182	11.2676	95.7765
1618.7500	-23.1634	59.4062	132.3841	0.0205	11.1840	94.8258
1619.0000	-23.2343	59.7298	132.3852	0.0232	11.1386	92.8227
1619.2500	-23.2826	59.8931	132.3896	0.0257	11.1391	90.9592
1619.5000	-23.3088	59.7422	132.3993	0.0277	11.1358	90.5656
1619.7500	-23.3333	60.4265	132.4113	0.0284	11.0911	91.4976
1620.0000	-23.3297	59.4509	132.4223	0.0275	10.9738	91.7011
1620.2500	-23.2636	59.7160	132.4314	0.0257	10.7715	89.6092
1620.5000	-23.1738	59.9640	132.4382	0.0238	10.5348	86.2383
1620.7500	-23.1203	59.7392	132.4409	0.0224	10.3442	83.8141
1621.0000	-23.0926	59.4894	132.4402	0.0214	10.2286	83.1398
1621.2500	-23.0675	59.7514	132.4409	0.0202	10.1546	83.2951
1621.5000	-23.0810	59.8068	132.4468	0.0193	10.0913	83.0426
1621.7500	-23.1668	59.7438	132.4562	0.0197	10.0426	81.9577
1622.0000	-23.2829	59.2936	132.4652	0.0219	10.0175	81.1484
1622.2500	-23.3603	60.0395	132.4719	0.0236	10.0057	82.4566
1622.5000	-23.3929	59.8163	132.4767	0.0232	9.9929	86.1765
1622.7500	-23.4060	59.4386	132.4804	0.0213	9.9813	90.5741
1623.0000	-23.3779	60.1505	132.4840	0.0194	9.9782	93.7592
1623.2500	-23.2831	59.7192	132.4881	0.0176	9.9783	94.7451
1623.5000	-23.1612	59.8933	132.4931	0.0145	9.9761	93.3953
1623.7500	-23.0682	60.0414	132.4987	0.0103	9.9760	90.7784
1624.0000	-23.0067	59.7114	132.5041	0.0078	9.9792	88.7224
1624.2500	-22.9656	59.4756	132.5071	0.0090	9.9821	88.0676
1624.5000	-22.9756	59.8008	132.5056	0.0115	9.9845	88.2049
1624.7500	-23.0517	59.8161	132.5010	0.0125	9.9873	88.3713
1625.0000	-23.1293	59.5541	132.4996	0.0122	9.9889	88.0742
1625.2500	-23.1364	59.7562	132.5061	0.0134	9.9860	87.0315
1625.5000	-23.1074	59.7946	132.5161	0.0175	9.9731	85.8613
1625.7500	-23.1384	59.5588	132.5237	0.0232	9.9454	85.3900
1626.0000	-23.2364	59.5033	132.5285	0.0264	9.9092	85.3147
1626.2500	-23.3176	60.3048	132.5338	0.0250	9.8829	85.0427
1626.5000	-23.3421	59.3985	132.5406	0.0217	9.8775	85.1085
1626.7500	-23.3392	59.8316	132.5474	0.0196	9.8843	86.8485
1627.0000	-23.3128	59.7099	132.5524	0.0192	9.8902	91.0697

1627.2500	-23.2321	60.0287	132.5561	0.0188	9.8913	96.7345
1627.5000	-23.1226	59.6590	132.5595	0.0175	9.8901	101.3885
1627.7500	-23.0541	60.0010	132.5630	0.0157	9.8902	103.9324
1628.0000	-23.0431	59.8379	132.5669	0.0141	9.8923	105.1623
1628.2500	-23.0694	60.0583	132.5714	0.0129	9.8955	104.9379
1628.5000	-23.1311	59.9272	132.5757	0.0126	9.9036	102.0228
1628.7500	-23.2136	59.6267	132.5788	0.0132	9.9270	97.0092
1629.0000	-23.2675	59.7052	132.5805	0.0129	9.9734	92.3176
1629.2500	-23.2722	59.8037	132.5819	0.0110	10.0276	89.4510
1629.5000	-23.2704	59.5294	132.5848	0.0097	10.0513	87.9978
1629.7500	-23.2853	59.7237	132.5893	0.0114	10.0214	86.3823
1630.0000	-23.2705	59.4431	132.5927	0.0151	9.9586	83.5652
1630.2500	-23.1886	59.7037	132.5934	0.0182	9.8997	80.4738
1630.5000	-23.0836	60.0134	132.5951	0.0194	9.8574	78.6641
1630.7500	-23.0230	59.5572	132.6017	0.0197	9.8253	78.5523
1631.0000	-23.0037	59.3137	132.6108	0.0211	9.8019	80.1090
1631.2500	-22.9987	59.7575	132.6183	0.0238	9.7905	83.2792
1631.5000	-23.0410	59.3492	132.6237	0.0256	9.7894	86.9953
1631.7500	-23.1538	59.8440	132.6287	0.0243	9.7893	89.6914
1632.0000	-23.2707	59.6574	132.6348	0.0221	9.7858	91.0583
1632.2500	-23.3154	60.0518	132.6411	0.0209	9.7868	91.8813
1632.5000	-23.3034	59.7084	132.6462	0.0206	9.7986	92.3519
1632.7500	-23.2869	59.5696	132.6503	0.0202	9.8252	91.8062
1633.0000	-23.2588	59.7761	132.6550	0.0194	9.8729	89.3464
1633.2500	-23.1936	59.6282	132.6601	0.0188	9.9427	84.2836
1633.5000	-23.1163	59.8548	132.6649	0.0189	10.0279	76.8663
1633.7500	-23.0560	59.4617	132.6692	0.0196	10.1175	68.7373
1634.0000	-22.9947	59.7253	132.6737	0.0201	10.1831	62.2697
1634.2500	-22.9300	59.4525	132.6787	0.0202	10.1790	58.6133
1634.5000	-22.9192	59.5865	132.6840	0.0200	10.0823	56.8058
1634.7500	-22.9845	59.4324	132.6895	0.0199	9.9282	55.1803
1635.0000	-23.0593	59.9334	132.6951	0.0194	9.7868	52.9603
1635.2500	-23.0746	59.6606	132.7004	0.0176	9.7060	50.7435
1635.5000	-23.0495	59.9164	132.7050	0.0146	9.6874	49.8733
1635.7500	-23.0551	59.6251	132.7090	0.0124	9.7070	50.8083
1636.0000	-23.1072	59.3538	132.7124	0.0130	9.7373	52.2343
1636.2500	-23.1680	59.6220	132.7139	0.0155	9.7579	52.6065
1636.5000	-23.2241	59.3399	132.7132	0.0177	9.7626	52.2812
1636.7500	-23.2685	60.0981	132.7144	0.0187	9.7637	53.1198
1637.0000	-23.2602	59.5371	132.7211	0.0191	9.7922	56.0012
1637.2500	-23.1798	59.7499	132.7314	0.0207	9.9039	59.7167
1637.5000	-23.0825	60.1475	132.7404	0.0236	10.2022	62.8694
1637.7500	-23.0343	59.6898	132.7463	0.0257	10.8389	65.9743
1638.0000	-23.0374	59.6899	132.7506	0.0255	11.9572	70.0869
1638.2500	-23.0727	59.9239	132.7552	0.0239	13.5495	74.4529
1638.5000	-23.1525	59.6405	132.7603	0.0231	15.2869	77.6038
1638.7500	-23.2792	59.4046	132.7659	0.0235	16.5641	79.2643
1639.0000	-23.3951	59.7083	132.7721	0.0242	16.8083	80.0661
1639.2500	-23.4306	59.8346	132.7793	0.0246	15.8160	80.9361
1639.5000	-23.3928	59.8393	132.7867	0.0245	13.9526	82.6222
1639.7500	-23.3345	59.6868	132.7933	0.0239	11.9988	85.0051
1640.0000	-23.2601	60.1181	132.7991	0.0229	10.6048	87.1883
1640.2500	-23.1533	59.6960	132.8043	0.0218	9.9119	88.1340
1640.5000	-23.0523	59.9964	132.8092	0.0209	9.6955	87.4837
1640.7500	-23.0065	59.6435	132.8137	0.0209	9.6779	86.1115
1641.0000	-22.9970	59.6158	132.8180	0.0215	9.6846	85.3309
1641.2500	-22.9911	59.7053	132.8228	0.0220	9.6605	85.5782

1641.5000	-23.0192	59.9473	132.8285	0.0219	9.6198	86.1947
1641.7500	-23.1067	60.0318	132.8350	0.0209	9.5830	86.9581
1642.0000	-23.2056	59.5512	132.8420	0.0198	9.5580	88.6456
1642.2500	-23.2669	59.8393	132.8484	0.0190	9.5486	90.8918
1642.5000	-23.3122	59.7651	132.8530	0.0184	9.5505	91.9087
1642.7500	-23.3696	59.7530	132.8555	0.0169	9.5533	91.1635
1643.0000	-23.4060	59.6313	132.8575	0.0135	9.5509	89.7994
1643.2500	-23.3821	59.8082	132.8608	0.0096	9.5478	88.3699
1643.5000	-23.3165	59.9624	132.8653	0.0085	9.5591	86.2567
1643.7500	-23.2568	59.8530	132.8688	0.0115	9.6099	83.3686
1644.0000	-23.2098	59.5988	132.8690	0.0158	9.7372	80.6321
1644.2500	-23.1437	59.5649	132.8676	0.0186	9.9643	78.7336
1644.5000	-23.0676	59.6081	132.8700	0.0198	10.2491	77.8161
1644.7500	-23.0243	59.5773	132.8785	0.0208	10.4909	77.4968
1645.0000	-23.0123	59.8825	132.8891	0.0223	10.6222	76.5298
1645.2500	-23.0090	59.8006	132.8980	0.0232	10.6554	74.3776
1645.5000	-23.0263	59.7191	132.9049	0.0228	10.6231	72.8353
1645.7500	-23.0778	59.9104	132.9104	0.0221	10.5407	73.6730
1646.0000	-23.1394	59.5371	132.9135	0.0219	10.4508	76.0584
1646.2500	-23.1865	59.7391	132.9139	0.0214	10.4043	78.1998
1646.5000	-23.2310	60.0691	132.9156	0.0200	10.3767	79.8067
1646.7500	-23.2730	59.8977	132.9227	0.0185	10.2890	81.6066
1647.0000	-23.2669	59.5850	132.9330	0.0184	10.1156	83.6286
1647.2500	-23.1829	59.8838	132.9408	0.0202	9.9084	85.1887
1647.5000	-23.0672	59.4292	132.9449	0.0217	9.7288	86.6611
1647.7500	-22.9909	59.9300	132.9474	0.0208	9.6063	89.7500
1648.0000	-22.9625	59.6512	132.9503	0.0186	9.5416	94.7601
1648.2500	-22.9602	59.7653	132.9543	0.0177	9.5157	99.1234
1648.5000	-23.0028	59.6189	132.9591	0.0186	9.5063	100.1172
1648.7500	-23.1001	59.7684	132.9644	0.0203	9.4977	97.5033
1649.0000	-23.1979	59.5912	132.9702	0.0220	9.4837	92.6067
1649.2500	-23.2445	59.7099	132.9762	0.0236	9.4676	86.4897
1649.5000	-23.2605	59.6283	132.9821	0.0249	9.4540	79.5733
1649.7500	-23.2817	59.7514	132.9880	0.0254	9.4429	72.0556
1650.0000	-23.2857	59.8114	132.9944	0.0249	9.4364	64.6338
1650.2500	-23.2402	59.7575	133.0015	0.0237	9.4369	58.8585
1650.5000	-23.1773	59.9147	133.0089	0.0226	9.4383	56.0907
1650.7500	-23.1467	59.6390	133.0152	0.0215	9.4329	56.2095
1651.0000	-23.1301	59.7283	133.0200	0.0201	9.4234	57.7283
1651.2500	-23.0851	59.8006	133.0237	0.0180	9.4169	59.1182
1651.5000	-23.0324	59.6757	133.0273	0.0159	9.4153	59.7790
1651.7500	-23.0215	59.4062	133.0311	0.0144	9.4158	59.8765
1652.0000	-23.0553	59.4508	133.0345	0.0140	9.4157	60.3042
1652.2500	-23.0945	59.8438	133.0376	0.0144	9.4145	62.9522
1652.5000	-23.1249	59.8409	133.0407	0.0148	9.4134	69.2630
1652.7500	-23.1734	59.6605	133.0441	0.0150	9.4130	78.4331
1653.0000	-23.2371	59.5095	133.0481	0.0151	9.4134	87.9032
1653.2500	-23.2770	59.5433	133.0524	0.0153	9.4159	95.1209
1653.5000	-23.2869	59.4047	133.0569	0.0159	9.4218	99.5074
1653.7500	-23.2837	60.0472	133.0610	0.0169	9.4279	102.5843
1654.0000	-23.2515	59.4786	133.0647	0.0178	9.4224	104.9932
1654.2500	-23.1711	59.6281	133.0681	0.0180	9.3973	104.8813
1654.5000	-23.0825	59.4756	133.0724	0.0177	9.3617	100.7741
1654.7500	-23.0430	59.7082	133.0779	0.0166	9.3318	94.3893
1655.0000	-23.0455	59.6759	133.0836	0.0138	9.3125	89.0923
1655.2500	-23.0530	59.5124	133.0885	0.0086	9.3006	86.9299
1655.5000	-23.0682	59.6512	133.0923	0.0035	9.2973	87.5867

1655.7500	-23.1057	59.5310	133.0943	0.0025	9.3063	89.3821
1656.0000	-23.1428	59.6096	133.0922	0.0067	9.3296	91.2140
1656.2500	-23.1695	59.4910	133.0853	0.0129	9.3659	93.0945
1656.5000	-23.2241	59.5418	133.0793	0.0180	9.4036	94.7453
1656.7500	-23.3019	60.0041	133.0830	0.0217	9.4288	95.0115
1657.0000	-23.3182	59.4971	133.0971	0.0261	9.4420	93.0059
1657.2500	-23.2262	59.5941	133.1142	0.0326	9.4501	88.8631
1657.5000	-23.0943	60.2555	133.1282	0.0383	9.4507	83.7583
1657.7500	-23.0194	59.8406	133.1376	0.0384	9.4357	79.7065
1658.0000	-23.0147	59.7019	133.1444	0.0326	9.4052	78.0569
1658.2500	-23.0452	59.7669	133.1505	0.0258	9.3767	78.0174
1658.5000	-23.1171	59.7376	133.1560	0.0214	9.3734	78.1092
1658.7500	-23.2397	59.9901	133.1598	0.0199	9.3956	78.5589
1659.0000	-23.3468	59.4370	133.1623	0.0199	9.4181	80.5972
1659.2500	-23.3620	59.8594	133.1658	0.0201	9.4253	84.7307
1659.5000	-23.3156	59.5711	133.1711	0.0205	9.4302	90.9280
1659.7500	-23.2890	59.6358	133.1774	0.0218	9.4395	98.9819
1660.0000	-23.2879	59.7469	133.1841	0.0237	9.4338	107.7041
1660.2500	-23.2758	59.4509	133.1907	0.0250	9.4026	114.8516
1660.5000	-23.2563	59.5433	133.1970	0.0255	9.3667	118.8513
1660.7500	-23.2525	59.4940	133.2034	0.0257	9.3474	119.4913
1661.0000	-23.2518	60.0259	133.2098	0.0260	9.3393	117.0644
1661.2500	-23.2197	59.4956	133.2159	0.0262	9.3269	112.6559
1661.5000	-23.1636	59.7191	133.2220	0.0265	9.3099	108.5207
1661.7500	-23.1288	59.7590	133.2288	0.0274	9.3004	106.0486
1662.0000	-23.1332	59.6944	133.2360	0.0291	9.3033	104.3219
1662.2500	-23.1587	59.6420	133.2431	0.0304	9.3126	102.0042
1662.5000	-23.1971	59.7499	133.2501	0.0298	9.3219	99.1164
1662.7500	-23.2467	59.8441	133.2583	0.0258	9.3321	96.1272
1663.0000	-23.2783	59.1611	133.2679	0.0189	9.3461	92.9997
1663.2500	-23.2743	59.9779	133.2767	0.0128	9.3592	89.8820
1663.5000	-23.2694	59.8671	133.2816	0.0119	9.3598	86.9162
1663.7500	-23.2788	59.6096	133.2803	0.0146	9.3466	83.5538
1664.0000	-23.2487	59.9456	133.2737	0.0158	9.3333	79.3375
1664.2500	-23.1403	60.0256	133.2688	0.0144	9.3315	74.3201
1664.5000	-23.0118	59.5990	133.2739	0.0147	9.3390	68.5077
1664.7500	-22.9512	59.7283	133.2875	0.0206	9.3446	62.4326
1665.0000	-22.9553	59.5479	133.2995	0.0309	9.3433	58.0153
1665.2500	-22.9771	59.8732	133.3055	0.0403	9.3456	56.7676
1665.5000	-23.0356	59.5958	133.3110	0.0439	9.3653	57.9789
1665.7500	-23.1579	59.8980	133.3215	0.0423	9.4077	60.2074
1666.0000	-23.2871	59.7653	133.3355	0.0406	9.4788	62.5618
1666.2500	-23.3484	59.6036	133.3495	0.0418	9.5893	64.0882
1666.5000	-23.3487	59.5186	133.3618	0.0434	9.7337	64.1605
1666.7500	-23.3351	59.7160	133.3720	0.0428	9.8703	63.1517
1667.0000	-23.3062	59.6851	133.3808	0.0405	9.9381	61.5879
1667.2500	-23.2348	59.4570	133.3891	0.0377	9.9089	59.9355
1667.5000	-23.1395	59.8976	133.3978	0.0352	9.8213	58.9971
1667.7500	-23.0625	59.6466	133.4071	0.0340	9.7364	58.9460
1668.0000	-23.0085	59.6279	133.4164	0.0347	9.6720	59.3411
1668.2500	-22.9710	59.6575	133.4248	0.0365	9.6290	60.5334
1668.5000	-22.9748	59.5573	133.4321	0.0378	9.6461	63.0407
1668.7500	-23.0276	59.4693	133.4400	0.0379	9.7747	66.0541
1669.0000	-23.0812	59.7930	133.4502	0.0375	10.0216	68.1623
1669.2500	-23.0877	59.9454	133.4621	0.0374	10.3493	69.1876
1669.5000	-23.0737	59.5280	133.4733	0.0378	10.7098	70.1590
1669.7500	-23.1090	59.7867	133.4828	0.0382	11.0453	71.4438

1670.0000	-23.1955	59.6868	133.4914	0.0379	11.2968	72.4546
1670.2500	-23.2719	59.4863	133.4996	0.0371	11.4472	73.1412
1670.5000	-23.3137	59.5880	133.5077	0.0367	11.5040	74.0924
1670.7500	-23.3289	59.5434	133.5164	0.0368	11.4489	75.6516
1671.0000	-23.3060	59.9149	133.5260	0.0366	11.2656	77.9357
1671.2500	-23.2402	59.5480	133.5364	0.0359	10.9848	80.8821
1671.5000	-23.1720	59.6651	133.5468	0.0340	10.6817	83.7892
1671.7500	-23.1383	59.3907	133.5564	0.0310	10.4430	85.8718
1672.0000	-23.1257	59.9239	133.5647	0.0281	10.3136	87.6462
1672.2500	-23.1265	59.5943	133.5713	0.0272	10.2784	89.8405
1672.5000	-23.1756	59.7746	133.5758	0.0278	10.2905	91.5186
1672.7500	-23.2871	59.9393	133.5783	0.0280	10.2827	92.3612
1673.0000	-23.4030	60.0673	133.5822	0.0278	10.1836	94.4792
1673.2500	-23.4526	59.8254	133.5908	0.0279	9.9841	98.6505
1673.5000	-23.4411	59.5295	133.6023	0.0295	9.7603	102.2497
1673.7500	-23.4063	60.1476	133.6125	0.0329	9.5896	103.4265
1674.0000	-23.3320	59.4525	133.6203	0.0362	9.4890	104.3424
1674.2500	-23.2016	59.7560	133.6271	0.0371	9.4425	107.7493
1674.5000	-23.0741	59.5635	133.6348	0.0359	9.4297	112.4884
1674.7500	-23.0132	59.9178	133.6441	0.0345	9.4318	115.8615
1675.0000	-22.9996	59.5049	133.6546	0.0337	9.4462	118.2130
1675.2500	-22.9978	59.5849	133.6650	0.0331	9.4848	121.4061
1675.5000	-23.0410	59.5326	133.6741	0.0323	9.5488	125.2023
1675.7500	-23.1551	59.4662	133.6814	0.0307	9.6088	127.8916
1676.0000	-23.2772	59.7992	133.6877	0.0283	9.6193	129.0479
1676.2500	-23.3375	59.5758	133.6934	0.0251	9.5631	129.5778
1676.5000	-23.3542	59.9180	133.6994	0.0221	9.4720	129.7963
1676.7500	-23.3708	59.6112	133.7056	0.0200	9.3919	129.5546
1677.0000	-23.3696	59.7376	133.7112	0.0192	9.3432	129.3817
1677.2500	-23.3281	59.6852	133.7153	0.0193	9.3208	129.7569
1677.5000	-23.2779	59.7713	133.7182	0.0197	9.3139	129.9906
1677.7500	-23.2538	59.7839	133.7214	0.0201	9.3140	129.1545
1678.0000	-23.2367	59.4694	133.7260	0.0209	9.3156	127.3902
1678.2500	-23.1878	60.0086	133.7320	0.0222	9.3171	125.6668
1678.5000	-23.1224	59.4154	133.7387	0.0236	9.3190	125.0188
1678.7500	-23.0902	59.5772	133.7458	0.0241	9.3208	125.5739
1679.0000	-23.0939	59.5495	133.7529	0.0238	9.3208	126.2231
1679.2500	-23.0996	59.9658	133.7598	0.0234	9.3190	125.7913
1679.5000	-23.1079	59.5588	133.7654	0.0233	9.3171	124.2174
1679.7500	-23.1440	59.7175	133.7696	0.0229	9.3156	122.3813
1680.0000	-23.1966	59.8545	133.7736	0.0217	9.3138	121.0603
1680.2500	-23.2425	59.6342	133.7788	0.0199	9.3128	120.5596
1680.5000	-23.2961	59.9057	133.7853	0.0186	9.3150	121.4092
1680.7500	-23.3503	59.6112	133.7916	0.0180	9.3201	123.8408
1681.0000	-23.3400	59.5757	133.7964	0.0167	9.3253	126.1862
1681.2500	-23.2327	59.3445	133.7997	0.0144	9.3279	126.3618
1681.5000	-23.0956	60.0132	133.8026	0.0131	9.3270	124.2731
1681.7500	-23.0194	59.5773	133.8055	0.0150	9.3271	121.0553
1682.0000	-23.0134	60.0225	133.8071	0.0195	9.3335	118.0960
1682.2500	-23.0389	59.4756	133.8076	0.0245	9.3406	116.5036
1682.5000	-23.0977	59.7376	133.8115	0.0287	9.3409	115.6726
1682.7500	-23.2034	59.4339	133.8216	0.0318	9.3425	113.8837
1683.0000	-23.3144	59.5341	133.8354	0.0341	9.3578	111.1742
1683.2500	-23.3766	59.6667	133.8487	0.0349	9.3873	109.1727
1683.5000	-23.3983	59.4756	133.8601	0.0328	9.4208	107.9347
1683.7500	-23.4075	60.0132	133.8692	0.0289	9.4481	106.3189
1684.0000	-23.3811	59.4616	133.8754	0.0263	9.4647	104.9650

1684.2500	-23.2998	59.7900	133.8775	0.0254	9.4701	105.4867
1684.5000	-23.2222	59.5726	133.8770	0.0248	9.4625	107.6237
1684.7500	-23.2203	59.5709	133.8794	0.0244	9.4447	109.5836
1685.0000	-23.2657	59.7530	133.8880	0.0245	9.4272	110.8812
1685.2500	-23.2667	59.5295	133.8994	0.0256	9.4178	113.2212
1685.5000	-23.2085	60.0919	133.9097	0.0262	9.4162	117.9749
1685.7500	-23.1591	59.5632	133.9180	0.0233	9.4199	124.2153
1686.0000	-23.1500	59.8515	133.9244	0.0173	9.4297	129.6646
1686.2500	-23.1541	59.6619	133.9287	0.0137	9.4479	132.6096
1686.5000	-23.1703	59.7113	133.9294	0.0162	9.4749	132.7234
1686.7500	-23.2337	59.4586	133.9261	0.0222	9.5159	130.8864
1687.0000	-23.3267	59.7500	133.9226	0.0271	9.5871	128.8849
1687.2500	-23.3811	59.7900	133.9268	0.0302	9.6856	127.9209
1687.5000	-23.3767	59.7654	133.9422	0.0339	9.7691	127.5193
1687.7500	-23.3454	59.7052	133.9623	0.0392	9.7976	126.9958
1688.0000	-23.3039	59.5187	133.9786	0.0442	9.7751	126.5081
1688.2500	-23.2535	59.8039	133.9891	0.0454	9.7313	126.5119
1688.5000	-23.2217	59.8085	133.9972	0.0419	9.6886	127.3951
1688.7500	-23.2255	59.9720	134.0045	0.0369	9.6517	129.2554
1689.0000	-23.2293	59.7898	134.0110	0.0335	9.6139	131.8434
1689.2500	-23.2149	59.5710	134.0176	0.0311	9.5721	134.7971
1689.5000	-23.2307	59.8132	134.0259	0.0280	9.5350	137.4440
1689.7500	-23.3168	60.0766	134.0360	0.0264	9.5092	138.9320
1690.0000	-23.4326	59.9023	134.0456	0.0283	9.4930	139.0230
1690.2500	-23.5078	59.6082	134.0513	0.0316	9.4859	138.4256
1690.5000	-23.5308	59.6497	134.0532	0.0333	9.4893	138.3363
1690.7500	-23.5167	59.7562	134.0572	0.0333	9.4988	139.4911
1691.0000	-23.4422	59.6807	134.0676	0.0339	9.5087	141.6127
1691.2500	-23.3050	59.7175	134.0809	0.0364	9.5195	143.8595
1691.5000	-23.1755	59.8146	134.0925	0.0398	9.5319	145.5148
1691.7500	-23.1143	59.7438	134.1027	0.0411	9.5418	145.9564
1692.0000	-23.1005	59.5404	134.1135	0.0381	9.5488	144.3348
1692.2500	-23.0961	59.5989	134.1241	0.0326	9.5641	140.5830
1692.5000	-23.1138	59.5820	134.1328	0.0272	9.5999	135.9468
1692.7500	-23.1663	59.8255	134.1393	0.0238	9.6611	131.3159
1693.0000	-23.2196	59.6004	134.1439	0.0231	9.7445	127.3084
1693.2500	-23.2394	59.9594	134.1461	0.0243	9.8298	125.4279
1693.5000	-23.2403	59.7700	134.1468	0.0264	9.8813	126.6860
1693.7500	-23.2583	59.7437	134.1503	0.0290	9.8744	129.8972
1694.0000	-23.2881	59.9825	134.1598	0.0321	9.8131	132.1338
1694.2500	-23.2994	59.3476	134.1728	0.0360	9.7219	131.5668
1694.5000	-23.2958	60.0395	134.1856	0.0403	9.6293	129.5969
1694.7500	-23.2958	59.6390	134.1973	0.0427	9.5561	128.4502
1695.0000	-23.2846	59.9686	134.2081	0.0408	9.5128	128.1132
1695.2500	-23.2363	59.5649	134.2180	0.0354	9.5068	126.9962
1695.5000	-23.1690	59.5556	134.2274	0.0307	9.5405	124.2718
1695.7500	-23.1302	59.7330	134.2358	0.0294	9.6035	121.5271
1696.0000	-23.1353	59.5064	134.2413	0.0298	9.6798	121.5861
1696.2500	-23.1700	59.9901	134.2435	0.0295	9.7607	124.4947
1696.5000	-23.2418	59.5249	134.2471	0.0275	9.8383	127.1199
1696.7500	-23.3673	59.7807	134.2561	0.0240	9.9033	127.5220
1697.0000	-23.5007	59.9918	134.2677	0.0199	9.9578	126.6343
1697.2500	-23.5587	59.3954	134.2769	0.0182	10.0046	125.6825
1697.5000	-23.5310	59.9671	134.2825	0.0204	10.0348	124.3967
1697.7500	-23.4667	59.3229	134.2837	0.0242	10.0573	121.8639
1698.0000	-23.3770	59.8964	134.2810	0.0269	10.0861	117.9888
1698.2500	-23.2593	60.0892	134.2799	0.0287	10.0787	113.4323

1698.5000	-23.1603	60.1798	134.2879	0.0307	9.9771	108.7541
1698.7500	-23.1288	59.6498	134.3044	0.0339	9.8270	105.0247
1699.0000	-23.1446	59.6990	134.3214	0.0387	9.7641	103.9214
1699.2500	-23.1632	59.7901	134.3343	0.0425	9.8746	105.6775
1699.5000	-23.1906	59.6806	134.3438	0.0420	10.1113	108.4141
1699.7500	-23.2488	59.8656	134.3516	0.0377	10.3148	109.7534
1700.0000	-23.3015	59.4771	134.3584	0.0330	10.3145	108.9213
1700.2500	-23.2945	59.6666	134.3649	0.0292	10.0732	107.3195
1700.5000	-23.2554	59.3893	134.3719	0.0258	9.7345	106.6026
1700.7500	-23.2546	59.9318	134.3798	0.0239	9.4737	107.3708
1701.0000	-23.2774	59.5479	134.3873	0.0240	9.3395	109.0851
1701.2500	-23.2645	59.3954	134.3926	0.0238	9.2820	110.0763
1701.5000	-23.2276	59.7930	134.3955	0.0205	9.2584	109.5335
1701.7500	-23.2045	59.7651	134.3993	0.0163	9.2558	108.8105
1702.0000	-23.1832	59.7546	134.4064	0.0162	9.2655	109.3022
1702.2500	-23.1481	59.7377	134.4125	0.0218	9.2799	111.0590
1702.5000	-23.1278	59.6975	134.4130	0.0295	9.2972	113.6644
1702.7500	-23.1480	59.4633	134.4124	0.0340	9.3157	117.0730
1703.0000	-23.1829	60.1429	134.4197	0.0333	9.3368	121.4591
1703.2500	-23.2052	59.7713	134.4362	0.0304	9.3701	125.7585
1703.5000	-23.2413	59.8221	134.4545	0.0307	9.4293	127.6670
1703.7500	-23.3281	59.7282	134.4674	0.0341	9.5124	126.7105
1704.0000	-23.4336	60.0998	134.4729	0.0346	9.5829	125.3577
1704.2500	-23.4763	59.7823	134.4733	0.0288	9.5948	125.7103
1704.5000	-23.4299	59.6375	134.4743	0.0203	9.5438	126.4278
1704.7500	-23.3427	59.8440	134.4805	0.0157	9.4631	124.9066
1705.0000	-23.2509	59.5125	134.4890	0.0182	9.3790	121.5377
1705.2500	-23.1462	59.9840	134.4939	0.0251	9.3049	118.5213
1705.5000	-23.0388	59.4724	134.4951	0.0306	9.2543	116.2062
1705.7500	-22.9770	59.9010	134.4988	0.0311	9.2309	114.2410
1706.0000	-22.9818	59.9132	134.5094	0.0284	9.2262	114.2570
1706.2500	-23.0395	60.0719	134.5235	0.0277	9.2303	118.0891
1706.5000	-23.1454	59.7284	134.5356	0.0306	9.2403	124.4464
1706.7500	-23.2791	59.4879	134.5428	0.0321	9.2580	129.5030
1707.0000	-23.3838	59.9103	134.5458	0.0285	9.2807	131.0856
1707.2500	-23.4315	59.7809	134.5494	0.0237	9.2972	130.9301
1707.5000	-23.4609	59.4709	134.5564	0.0229	9.2975	131.6657
1707.7500	-23.4978	59.6914	134.5631	0.0254	9.2810	133.1346
1708.0000	-23.5024	59.4076	134.5663	0.0272	9.2570	133.5818
1708.2500	-23.4439	59.6343	134.5710	0.0252	9.2376	132.9464
1708.5000	-23.3629	59.3769	134.5815	0.0202	9.2271	132.8206
1708.7500	-23.3198	59.6928	134.5935	0.0168	9.2217	133.7932
1709.0000	-23.3128	59.6110	134.6002	0.0174	9.2190	134.8889
1709.2500	-23.2937	59.6651	134.5997	0.0190	9.2186	135.7893
1709.5000	-23.2647	59.6282	134.5968	0.0177	9.2202	137.9259
1709.7500	-23.2616	59.9072	134.5966	0.0147	9.2245	142.5141
1710.0000	-23.2682	59.7081	134.6011	0.0148	9.2288	147.8278
1710.2500	-23.2580	59.7576	134.6090	0.0204	9.2291	150.1577
1710.5000	-23.2625	59.5649	134.6169	0.0283	9.2287	148.3295
1710.7500	-23.3120	59.3784	134.6229	0.0341	9.2359	144.7054
1711.0000	-23.3623	59.8162	134.6297	0.0363	9.2549	140.4867
1711.2500	-23.3543	59.3877	134.6405	0.0344	9.2801	133.3817
1711.5000	-23.2985	59.7376	134.6533	0.0306	9.3004	122.1450
1711.7500	-23.2279	59.9116	134.6649	0.0288	9.3087	109.2182
1712.0000	-23.1362	59.8054	134.6736	0.0297	9.3037	96.9752
1712.2500	-23.0214	59.6389	134.6778	0.0300	9.2857	86.0879
1712.5000	-22.9407	59.9072	134.6782	0.0279	9.2589	77.5751

1712.7500	-22.9569	59.3769	134.6806	0.0253	9.2329	72.4002
1713.0000	-23.0466	59.9766	134.6892	0.0246	9.2151	70.0100
1713.2500	-23.1414	59.8610	134.7004	0.0273	9.2061	69.4184
1713.5000	-23.2340	59.7204	134.7091	0.0323	9.2028	70.7371
1713.7500	-23.3495	59.8390	134.7156	0.0362	9.2044	74.8614
1714.0000	-23.4571	59.6945	134.7229	0.0364	9.2189	82.0684
1714.2500	-23.5014	59.8132	134.7323	0.0338	9.2532	90.6376
1714.5000	-23.4838	59.6560	134.7428	0.0298	9.2966	97.0649
1714.7500	-23.4361	59.3815	134.7529	0.0254	9.3248	98.7093
1715.0000	-23.3608	59.7191	134.7620	0.0225	9.3228	95.7256
1715.2500	-23.2686	59.5079	134.7680	0.0225	9.2983	89.9992
1715.5000	-23.2100	59.7237	134.7687	0.0236	9.2692	83.1428
1715.7500	-23.2137	59.4493	134.7663	0.0236	9.2452	75.5886
1716.0000	-23.2446	59.6928	134.7679	0.0226	9.2256	67.3232
1716.2500	-23.2583	59.2920	134.7774	0.0227	9.2101	59.3311
1716.5000	-23.2657	59.8160	134.7900	0.0262	9.2038	53.5715
1716.7500	-23.2953	59.7976	134.8002	0.0321	9.2085	51.2406
1717.0000	-23.3306	59.6034	134.8073	0.0359	9.2189	51.5238
1717.2500	-23.3436	59.6173	134.8135	0.0345	9.2327	52.8730
1717.5000	-23.3443	59.2998	134.8211	0.0291	9.2577	54.9560
1717.7500	-23.3467	59.6729	134.8305	0.0224	9.3111	58.4196
1718.0000	-23.3280	59.5665	134.8398	0.0172	9.4155	63.3289
1718.2500	-23.2748	59.7561	134.8465	0.0164	9.6007	68.3732
1718.5000	-23.2237	59.7808	134.8483	0.0192	9.8824	72.1230
1718.7500	-23.1984	59.8762	134.8450	0.0221	10.1996	74.8804
1719.0000	-23.1675	59.6343	134.8417	0.0236	10.4196	77.5945
1719.2500	-23.1056	59.3907	134.8462	0.0250	10.4536	79.6032
1719.5000	-23.0564	59.5279	134.8594	0.0286	10.3254	79.4259
1719.7500	-23.0897	59.7084	134.8747	0.0350	10.1209	77.0604
1720.0000	-23.2025	59.9007	134.8870	0.0414	9.9250	74.4886
1720.2500	-23.3246	59.7915	134.8965	0.0434	9.7979	73.7181
1720.5000	-23.4171	59.6928	134.9056	0.0404	9.7611	74.4274
1720.7500	-23.4902	59.5418	134.9150	0.0356	9.7938	74.6694
1721.0000	-23.5363	59.5064	134.9245	0.0318	9.8732	73.5110
1721.2500	-23.5202	59.6990	134.9331	0.0291	9.9996	71.6118
1721.5000	-23.4391	59.4170	134.9402	0.0268	10.1615	69.6480
1721.7500	-23.3357	59.7514	134.9458	0.0253	10.3079	67.1405
1722.0000	-23.2439	59.6420	134.9505	0.0246	10.3857	63.3791
1722.2500	-23.1692	59.7344	134.9547	0.0244	10.4154	59.1485
1722.5000	-23.1299	59.6914	134.9591	0.0248	10.4873	56.2235
1722.7500	-23.1562	59.3892	134.9655	0.0260	10.6459	55.5484
1723.0000	-23.2322	59.8347	134.9737	0.0276	10.8293	57.1066
1723.2500	-23.3033	59.4247	134.9820	0.0291	10.9430	60.4528
1723.5000	-23.3486	59.7067	134.9898	0.0302	10.9581	64.5182
1723.7500	-23.3843	59.5943	134.9979	0.0304	10.9263	68.3162
1724.0000	-23.4066	59.7022	135.0058	0.0301	10.9019	71.8419
1724.2500	-23.3925	59.6868	135.0129	0.0298	10.8769	75.0770
1724.5000	-23.3614	59.7392	135.0195	0.0294	10.8116	77.8378
1724.7500	-23.3606	59.6451	135.0264	0.0279	10.6842	80.9336
1725.0000	-23.3733	59.5434	135.0338	0.0260	10.5053	84.9356
1725.2500	-23.3428	59.5679	135.0416	0.0252	10.3107	89.0081
1725.5000	-23.2751	59.6514	135.0486	0.0255	10.1364	92.5937
1725.7500	-23.2178	59.3013	135.0537	0.0258	9.9947	96.2178
1726.0000	-23.1824	59.7882	135.0578	0.0251	9.8646	99.6869
1726.2500	-23.1550	59.4339	135.0632	0.0235	9.7250	101.8772
1726.5000	-23.1568	59.7406	135.0705	0.0216	9.5947	102.8252
1726.7500	-23.2235	59.5418	135.0780	0.0194	9.5045	103.5232

1727.0000	-23.3264	59.5803	135.0841	0.0169	9.4580	104.0596
1727.2500	-23.4002	59.3877	135.0887	0.0150	9.4458	103.9998
1727.5000	-23.4453	59.8301	135.0918	0.0142	9.4649	104.0008
1727.7500	-23.5066	59.7638	135.0925	0.0132	9.5129	105.3302
1728.0000	-23.5685	59.6544	135.0916	0.0110	9.5753	108.1382
1728.2500	-23.5635	59.9362	135.0932	0.0092	9.6208	111.5898
1728.5000	-23.4797	59.6961	135.0990	0.0083	9.6262	115.0398
1728.7500	-23.3635	59.6358	135.1044	0.0065	9.6112	118.0761
1729.0000	-23.2418	59.7115	135.1062	0.0033	9.6183	119.8636
1729.2500	-23.1336	59.8978	135.1071	-0.0007	9.6544	119.8345
1729.5000	-23.0870	59.5711	135.1083	-0.0054	9.6868	119.0774
1729.7500	-23.1311	59.5140	135.1054	-0.0078	9.6937	118.9088
1730.0000	-23.2290	60.0425	135.0983	-0.0051	9.6880	118.5026
1730.2500	-23.3222	59.9393	135.0917	0.0010	9.6826	116.2136
1730.5000	-23.3938	59.5802	135.0882	0.0081	9.6651	112.3270
1730.7500	-23.4525	59.3414	135.0887	0.0154	9.6257	108.8885
1731.0000	-23.4879	59.5896	135.0959	0.0213	9.5846	107.6097
1731.2500	-23.4869	60.0102	135.1092	0.0244	9.5659	107.9364
1731.5000	-23.4623	59.4941	135.1244	0.0269	9.5669	107.2702
1731.7500	-23.4316	59.7283	135.1362	0.0302	9.5680	104.6629
1732.0000	-23.3915	59.6267	135.1408	0.0313	9.5582	102.2237
1732.2500	-23.3380	60.0012	135.1405	0.0283	9.5357	101.2639
1732.5000	-23.2871	59.5681	135.1420	0.0230	9.5018	100.9495
1732.7500	-23.2495	59.6420	135.1491	0.0186	9.4679	100.9408
1733.0000	-23.2124	59.7359	135.1585	0.0174	9.4526	101.4282
1733.2500	-23.1711	59.6220	135.1659	0.0185	9.4656	102.0153
1733.5000	-23.1623	59.7669	135.1705	0.0185	9.4967	102.2004
1733.7500	-23.2259	59.3861	135.1734	0.0158	9.5222	101.5013
1734.0000	-23.3332	59.6636	135.1756	0.0128	9.5287	99.7471
1734.2500	-23.4232	59.9998	135.1775	0.0115	9.5245	97.6257
1734.5000	-23.4991	59.4816	135.1790	0.0120	9.5244	96.2497
1734.7500	-23.5949	59.7545	135.1807	0.0130	9.5311	96.0341
1735.0000	-23.6724	59.5293	135.1840	0.0131	9.5354	96.0629
1735.2500	-23.6531	59.4709	135.1889	0.0114	9.5308	95.3402
1735.5000	-23.5402	59.7270	135.1945	0.0090	9.5233	94.2415
1735.7500	-23.4097	59.7160	135.1994	0.0083	9.5232	94.3117
1736.0000	-23.3048	59.8209	135.2018	0.0098	9.5408	97.0295
1736.2500	-23.2362	59.8145	135.2003	0.0116	9.5885	102.1983
1736.5000	-23.2344	59.5680	135.1970	0.0121	9.6694	107.6884
1736.7500	-23.3147	59.8163	135.1973	0.0122	9.7663	111.1866
1737.0000	-23.4199	59.7314	135.2036	0.0131	9.8549	112.1895
1737.2500	-23.4670	60.1738	135.2121	0.0155	9.9177	112.7360
1737.5000	-23.4488	59.8316	135.2188	0.0188	9.9401	115.3169
1737.7500	-23.4257	59.7746	135.2238	0.0211	9.9247	119.3637
1738.0000	-23.4302	59.6575	135.2280	0.0210	9.9032	121.5806
1738.2500	-23.4453	59.7452	135.2313	0.0197	9.8972	120.2266
1738.5000	-23.4509	59.7867	135.2346	0.0186	9.8852	116.2061
1738.7500	-23.4366	59.6605	135.2395	0.0171	9.8441	110.5476
1739.0000	-23.3885	59.5942	135.2455	0.0147	9.7982	103.6367
1739.2500	-23.3212	59.4940	135.2514	0.0124	9.7939	95.8365
1739.5000	-23.2880	59.6266	135.2559	0.0114	9.8275	88.1667
1739.7500	-23.3079	59.4324	135.2580	0.0112	9.8360	82.5835
1740.0000	-23.3392	59.5479	135.2575	0.0105	9.7857	80.7712
1740.2500	-23.3497	59.5635	135.2561	0.0102	9.7333	82.4674
1740.5000	-23.3584	59.8653	135.2574	0.0121	9.7662	85.4061
1740.7500	-23.3916	59.5942	135.2618	0.0160	9.9141	87.3281
1741.0000	-23.4300	59.2412	135.2665	0.0203	10.1293	87.6516

1741.2500	-23.4346	59.9471	135.2717	0.0238	10.3264	87.0244
1741.5000	-23.3970	59.6082	135.2802	0.0253	10.4459	86.4151
1741.7500	-23.3235	59.7854	135.2901	0.0248	10.4993	86.8604
1742.0000	-23.2049	59.6374	135.2981	0.0240	10.5362	88.8530
1742.2500	-23.0429	59.7206	135.3037	0.0231	10.5794	91.7222
1742.5000	-22.8842	59.3662	135.3079	0.0212	10.6232	94.3616
1742.7500	-22.7777	59.8455	135.3114	0.0190	10.6553	96.1548
1743.0000	-22.7154	59.5157	135.3145	0.0181	10.6598	96.9308
1743.2500	-22.6728	59.5017	135.3180	0.0183	10.6402	97.0633
1743.5000	-22.6720	59.7034	135.3225	0.0186	10.6254	97.0022
1743.7500	-22.7368	59.6420	135.3281	0.0183	10.6279	96.3887
1744.0000	-22.8244	59.4247	135.3342	0.0167	10.6288	95.4411
1744.2500	-22.8748	59.9319	135.3403	0.0141	10.6085	95.6902
1744.5000	-22.8925	60.0645	135.3452	0.0123	10.5714	97.5844
1744.7500	-22.9051	59.9748	135.3480	0.0130	10.5363	99.4264
1745.0000	-22.8949	59.5772	135.3480	0.0148	10.5137	99.3589
1745.2500	-22.8293	59.8638	135.3463	0.0152	10.5000	97.3117
1745.5000	-22.7285	59.8209	135.3472	0.0140	10.4865	94.9267
1745.7500	-22.6490	59.4725	135.3540	0.0139	10.4625	93.3937
1746.0000	-22.6051	59.5325	135.3638	0.0170	10.4230	92.2066
1746.2500	-22.5789	59.4956	135.3707	0.0216	10.3747	91.1417
1746.5000	-22.5904	59.9763	135.3733	0.0242	10.3285	91.1363
1746.7500	-22.6737	59.5680	135.3758	0.0236	10.2959	91.9449
1747.0000	-22.7942	59.5957	135.3820	0.0217	10.2760	91.5552
1747.2500	-22.8722	59.8513	135.3896	0.0212	10.2485	88.8892
1747.5000	-22.8905	59.7637	135.3957	0.0222	10.2056	85.0529
1747.7500	-22.8897	60.1366	135.4012	0.0227	10.1590	81.7010
1748.0000	-22.8790	59.5650	135.4073	0.0212	10.1105	79.3480
1748.2500	-22.8398	59.8375	135.4130	0.0187	10.0570	77.3405
1748.5000	-22.7840	60.0412	135.4176	0.0163	10.0016	75.2554
1748.7500	-22.7359	59.7376	135.4212	0.0135	9.9396	73.6774
1749.0000	-22.6853	59.5018	135.4244	0.0110	9.8634	72.9721
1749.2500	-22.6183	59.8903	135.4271	0.0100	9.7789	72.2228
1749.5000	-22.5684	59.5787	135.4283	0.0104	9.6965	70.5382
1749.7500	-22.5783	59.4848	135.4282	0.0121	9.6247	68.6023
1750.0000	-22.6354	59.7392	135.4293	0.0155	9.5748	67.6883
1750.2500	-22.6967	59.6280	135.4331	0.0195	9.5534	68.2383
1750.5000	-22.7539	59.9809	135.4383	0.0228	9.5524	69.7901
1750.7500	-22.8145	59.5404	135.4453	0.0246	9.5594	71.1411
1751.0000	-22.8519	60.0226	135.4554	0.0238	9.5754	71.5231
1751.2500	-22.8439	59.7173	135.4662	0.0207	9.6232	71.4309
1751.5000	-22.8221	60.0242	135.4738	0.0186	9.7412	71.4239
1751.7500	-22.8237	59.2735	135.4773	0.0191	9.9594	72.0437
1752.0000	-22.8242	59.6621	135.4769	0.0196	10.2629	74.6806
1752.2500	-22.7868	59.4725	135.4745	0.0185	10.5812	79.9590
1752.5000	-22.7369	59.8224	135.4755	0.0172	10.8505	86.1347
1752.7500	-22.7172	59.4524	135.4835	0.0176	11.0857	91.0514
1753.0000	-22.7234	59.5557	135.4947	0.0201	11.3074	94.5163
1753.2500	-22.7366	59.5341	135.5032	0.0234	11.4404	97.4053
1753.5000	-22.7674	59.5479	135.5082	0.0236	11.3999	99.3793
1753.7500	-22.8237	59.9597	135.5124	0.0177	11.1901	99.1442
1754.0000	-22.8760	59.8160	135.5172	0.0088	10.8563	96.7502
1754.2500	-22.9034	59.6820	135.5214	0.0045	10.4576	93.6720
1754.5000	-22.9374	59.4278	135.5227	0.0079	10.0792	91.2410
1754.7500	-23.0093	59.7546	135.5188	0.0140	9.7901	90.3227
1755.0000	-23.0710	59.4663	135.5122	0.0176	9.6133	91.6412
1755.2500	-23.0343	59.8038	135.5122	0.0191	9.5366	95.4762

1755.5000	-22.9002	59.4555	135.5240	0.0212	9.5268	100.7327
1755.7500	-22.7574	60.0780	135.5404	0.0257	9.5445	105.2463
1756.0000	-22.6519	59.3955	135.5524	0.0309	9.5660	107.8184
1756.2500	-22.5634	59.5850	135.5597	0.0319	9.5905	109.0114
1756.5000	-22.5068	59.6404	135.5652	0.0260	9.6282	109.9201
1756.7500	-22.5385	59.3137	135.5701	0.0189	9.6907	110.9418
1757.0000	-22.6491	59.7623	135.5741	0.0163	9.7833	111.5030
1757.2500	-22.7642	59.2366	135.5759	0.0172	9.8973	111.2117
1757.5000	-22.8558	59.8409	135.5760	0.0186	10.0113	110.7382
1757.7500	-22.9465	59.6098	135.5782	0.0200	10.0977	110.7065
1758.0000	-23.0223	59.6081	135.5851	0.0218	10.1374	111.1026
1758.2500	-23.0358	59.3445	135.5941	0.0243	10.1298	111.6752
1758.5000	-22.9841	59.5541	135.6024	0.0274	10.0876	111.9907
1758.7500	-22.9011	59.8007	135.6101	0.0289	10.0367	111.6867
1759.0000	-22.7928	59.9364	135.6176	0.0273	10.0048	110.6908
1759.2500	-22.6606	59.6772	135.6246	0.0226	9.9879	108.9003
1759.5000	-22.5519	59.5387	135.6307	0.0149	9.9590	106.3416
1759.7500	-22.5213	59.6913	135.6360	0.0038	9.9047	104.1942
1760.0000	-22.5652	59.5095	135.6396	-0.0069	9.8290	104.3790
1760.2500	-22.6428	59.7468	135.6393	-0.0122	9.7460	107.1278
1760.5000	-22.7346	59.6743	135.6322	-0.0115	9.6862	110.6251
1760.7500	-22.8349	59.9855	135.6177	-0.0071	9.6793	113.6494
1761.0000	-22.9103	59.7992	135.6038	-0.0003	9.7226	116.1414
1761.2500	-22.9263	59.6759	135.6002	0.0081	9.7967	117.4304
1761.5000	-22.9000	59.4294	135.6078	0.0178	9.8907	116.5970
1761.7500	-22.8638	59.6513	135.6219	0.0285	9.9873	114.2104
1762.0000	-22.8037	59.9100	135.6389	0.0380	10.0489	112.1725
1762.2500	-22.7020	59.6112	135.6556	0.0424	10.0406	111.8163
1762.5000	-22.6021	59.4231	135.6677	0.0407	9.9648	112.8551
1762.7500	-22.5565	59.3645	135.6747	0.0347	9.8572	114.6041
1763.0000	-22.5470	59.8455	135.6798	0.0256	9.7556	116.9665
1763.2500	-22.5412	59.7053	135.6849	0.0157	9.6923	119.1945
1763.5000	-22.5703	59.9115	135.6892	0.0094	9.6987	119.6216
1763.7500	-22.6621	59.4771	135.6913	0.0085	9.7934	117.8852
1764.0000	-22.7721	59.8425	135.6901	0.0105	9.9578	115.8151
1764.2500	-22.8495	59.4739	135.6870	0.0116	10.1327	115.1919
1764.5000	-22.9041	59.6405	135.6864	0.0113	10.2633	115.9404
1764.7500	-22.9517	59.6759	135.6918	0.0122	10.3458	116.8621
1765.0000	-22.9545	59.5511	135.7009	0.0162	10.4082	116.7222
1765.2500	-22.8772	59.5079	135.7082	0.0215	10.4591	114.3761
1765.5000	-22.7596	59.3645	135.7118	0.0242	10.4845	109.5145
1765.7500	-22.6686	59.6528	135.7156	0.0223	10.4699	103.8540
1766.0000	-22.6118	59.4324	135.7225	0.0170	10.4063	100.1251
1766.2500	-22.5774	59.7345	135.7300	0.0113	10.2984	99.0948
1766.5000	-22.5964	59.4462	135.7348	0.0083	10.1798	98.4517
1766.7500	-22.6779	59.5772	135.7365	0.0064	10.0999	95.9167
1767.0000	-22.7581	59.5866	135.7348	0.0013	10.0789	92.4173
1767.2500	-22.7757	60.0396	135.7308	-0.0067	10.0754	90.5470
1767.5000	-22.7559	59.6880	135.7284	-0.0115	10.0207	91.2681
1767.7500	-22.7756	59.6436	135.7283	-0.0080	9.8994	93.6826
1768.0000	-22.8489	59.5939	135.7251	0.0024	9.7733	96.5707
1768.2500	-22.9170	60.1413	135.7166	0.0127	9.7177	99.1531
1768.5000	-22.9432	59.8976	135.7118	0.0179	9.7589	100.9513
1768.7500	-22.9327	59.5341	135.7204	0.0207	9.8636	101.5499
1769.0000	-22.8882	59.5511	135.7396	0.0270	9.9639	101.2278
1769.2500	-22.8090	59.4262	135.7562	0.0365	9.9970	100.8222
1769.5000	-22.7244	59.5032	135.7642	0.0422	9.9422	100.4564

1769.7500	-22.6748	59.5249	135.7697	0.0384	9.8326	99.5360
1770.0000	-22.6619	59.9917	135.7791	0.0278	9.7307	97.4499
1770.2500	-22.6617	59.5140	135.7896	0.0197	9.6763	94.1073
1770.5000	-22.6818	59.6466	135.7962	0.0185	9.6599	90.6781
1770.7500	-22.7466	59.7084	135.7973	0.0190	9.6506	88.9523
1771.0000	-22.8283	59.6127	135.7953	0.0156	9.6436	89.2255
1771.2500	-22.8745	59.7423	135.7957	0.0090	9.6628	89.7331
1771.5000	-22.8864	59.8253	135.8012	0.0026	9.7096	88.6673
1771.7500	-22.8856	59.5850	135.8078	0.0000	9.7344	86.1318
1772.0000	-22.8573	59.6945	135.8104	0.0030	9.6920	83.6720
1772.2500	-22.7901	59.7804	135.8076	0.0076	9.6093	82.4278
1772.5000	-22.7194	59.4679	135.8013	0.0084	9.5744	82.5274
1772.7500	-22.6750	59.8317	135.7974	0.0076	9.6810	83.6220
1773.0000	-22.6303	59.6112	135.8013	0.0100	9.9780	85.0916
1773.2500	-22.5698	59.8329	135.8108	0.0159	10.4078	86.4325
1773.5000	-22.5436	60.0626	135.8181	0.0219	10.7802	87.8686
1773.7500	-22.5937	59.5588	135.8229	0.0249	10.8681	90.5632
1774.0000	-22.6781	59.7729	135.8303	0.0237	10.5851	95.8437
1774.2500	-22.7370	59.7512	135.8393	0.0206	10.0813	102.9517
1774.5000	-22.7812	59.9562	135.8451	0.0191	9.6243	108.7852
1774.7500	-22.8390	59.6574	135.8473	0.0188	9.3726	111.3066
1775.0000	-22.8741	59.9163	135.8488	0.0169	9.3054	111.2274
1775.2500	-22.8388	59.8380	135.8519	0.0137	9.3237	109.9353
1775.5000	-22.7611	60.0581	135.8562	0.0116	9.3420	107.8511
1775.7500	-22.6953	59.4262	135.8606	0.0106	9.3265	105.2111
1776.0000	-22.6357	60.0904	135.8641	0.0086	9.2943	103.1758
1776.2500	-22.5670	59.6358	135.8666	0.0052	9.2700	102.8075
1776.5000	-22.5339	59.3723	135.8683	0.0031	9.2545	103.6183
1776.7500	-22.5832	60.0086	135.8685	0.0037	9.2403	104.3049
1777.0000	-22.6843	59.6714	135.8660	0.0039	9.2274	104.0073
1777.2500	-22.7664	59.9069	135.8624	-0.0002	9.2189	102.5686
1777.5000	-22.8060	60.0025	135.8625	-0.0060	9.2169	100.5163
1777.7500	-22.8279	59.9069	135.8681	-0.0065	9.2204	98.5384
1778.0000	-22.8437	59.5372	135.8718	0.0007	9.2251	96.6647
1778.2500	-22.8356	59.8331	135.8662	0.0086	9.2280	94.2301
1778.5000	-22.8016	59.8514	135.8562	0.0087	9.2320	90.7105
1778.7500	-22.7690	59.8440	135.8555	0.0010	9.2421	86.4549
1779.0000	-22.7445	59.6035	135.8675	-0.0050	9.2554	82.1683
1779.2500	-22.7142	59.8499	135.8796	-0.0008	9.2609	77.9188
1779.5000	-22.6953	59.8008	135.8799	0.0102	9.2559	73.5095
1779.7500	-22.7203	59.8792	135.8701	0.0158	9.2541	69.2872
1780.0000	-22.7774	59.5279	135.8618	0.0122	9.2683	66.0095
1780.2500	-22.8235	59.3845	135.8646	0.0067	9.2927	64.2575
1780.5000	-22.8489	59.8545	135.8765	0.0057	9.3136	63.8767
1780.7500	-22.8694	59.4062	135.8871	0.0092	9.3293	63.8114
1781.0000	-22.8739	59.9779	135.8918	0.0147	9.3441	62.6945
1781.2500	-22.8453	59.5772	135.8930	0.0185	9.3561	60.3151
1781.5000	-22.8070	59.4062	135.8914	0.0181	9.3605	58.2298
1781.7500	-22.7919	59.5356	135.8886	0.0150	9.3542	57.7913
1782.0000	-22.7844	59.6297	135.8912	0.0120	9.3334	58.5143
1782.2500	-22.7549	60.1430	135.9017	0.0106	9.3009	59.1470
1782.5000	-22.7205	59.3630	135.9126	0.0135	9.2727	59.4630
1782.7500	-22.7118	59.8207	135.9170	0.0204	9.2657	60.4612
1783.0000	-22.7222	59.7713	135.9159	0.0244	9.2796	62.7273
1783.2500	-22.7362	59.6466	135.9142	0.0217	9.2979	65.2457
1783.5000	-22.7660	59.5726	135.9184	0.0180	9.3092	66.4944
1783.7500	-22.8170	59.9578	135.9294	0.0187	9.3161	66.1789

1784.0000	-22.8524	59.6282	135.9400	0.0216	9.3214	65.4595
1784.2500	-22.8453	59.8147	135.9451	0.0223	9.3237	65.8122
1784.5000	-22.8287	59.7669	135.9486	0.0190	9.3261	67.9897
1784.7500	-22.8455	59.6789	135.9544	0.0142	9.3334	71.8066
1785.0000	-22.8726	59.6497	135.9591	0.0116	9.3441	76.2934
1785.2500	-22.8585	59.6680	135.9588	0.0107	9.3500	80.1231
1785.5000	-22.8076	59.7392	135.9563	0.0089	9.3464	82.2554
1785.7500	-22.7601	59.7760	135.9579	0.0069	9.3350	82.4011
1786.0000	-22.7285	60.0584	135.9632	0.0084	9.3165	81.2905
1786.2500	-22.7087	59.4308	135.9665	0.0146	9.2892	80.3103
1786.5000	-22.7166	59.6112	135.9664	0.0211	9.2589	80.2502
1786.7500	-22.7523	59.8225	135.9683	0.0231	9.2369	80.6598
1787.0000	-22.7713	59.7114	135.9760	0.0211	9.2280	80.8921
1787.2500	-22.7570	59.5263	135.9880	0.0196	9.2271	81.2394
1787.5000	-22.7582	59.2335	135.9985	0.0214	9.2277	82.1749
1787.7500	-22.8145	60.0241	136.0040	0.0245	9.2289	83.2718
1788.0000	-22.8911	59.8439	136.0055	0.0244	9.2330	84.0431
1788.2500	-22.9202	59.7037	136.0058	0.0194	9.2397	84.8215
1788.5000	-22.8849	59.3044	136.0092	0.0128	9.2480	85.8805
1788.7500	-22.8163	59.5032	136.0172	0.0098	9.2591	87.0044
1789.0000	-22.7267	59.4910	136.0248	0.0113	9.2749	89.0137
1789.2500	-22.6133	59.7714	136.0267	0.0136	9.2986	94.1580
1789.5000	-22.5227	59.5664	136.0241	0.0129	9.3297	103.4900
1789.7500	-22.5222	59.5049	136.0236	0.0097	9.3624	115.1985
1790.0000	-22.5966	59.9408	136.0280	0.0075	9.3978	126.0159
1790.2500	-22.6761	59.5681	136.0331	0.0074	9.4453	133.4521
1790.5000	-22.7520	59.7145	136.0350	0.0091	9.4952	137.1914
1790.7500	-22.8583	59.9257	136.0367	0.0128	9.5096	138.4654
1791.0000	-22.9689	59.9689	136.0399	0.0180	9.4626	138.2687
1791.2500	-23.0151	59.5125	136.0415	0.0233	9.3782	136.9085
1791.5000	-22.9882	59.8100	136.0423	0.0275	9.3116	134.7661
1791.7500	-22.9328	59.9120	136.0493	0.0295	9.3056	132.1267
1792.0000	-22.8586	59.5850	136.0641	0.0300	9.3699	128.3630
1792.2500	-22.7499	59.4679	136.0797	0.0312	9.4764	123.0643
1792.5000	-22.6421	59.6745	136.0901	0.0332	9.5668	117.8262
1792.7500	-22.5961	59.3922	136.0958	0.0327	9.5950	114.6803
1793.0000	-22.6074	59.7174	136.0999	0.0285	9.5763	113.3567
1793.2500	-22.6373	59.6913	136.1040	0.0235	9.5687	112.4576
1793.5000	-22.6972	59.4802	136.1088	0.0204	9.6027	112.0605
1793.7500	-22.8041	60.0842	136.1146	0.0183	9.6527	113.4795
1794.0000	-22.9139	59.6375	136.1210	0.0147	9.6832	117.3429
1794.2500	-22.9753	59.6744	136.1267	0.0103	9.6998	122.3166
1794.5000	-22.9949	59.6403	136.1309	0.0090	9.7266	125.6432
1794.7500	-22.9968	59.4045	136.1324	0.0115	9.7599	125.7059
1795.0000	-22.9665	59.2982	136.1293	0.0134	9.7801	123.7691
1795.2500	-22.8882	59.7715	136.1245	0.0130	9.7825	122.5693
1795.5000	-22.7910	59.4525	136.1267	0.0137	9.7815	123.4460
1795.7500	-22.7141	59.5850	136.1376	0.0184	9.8032	125.6863
1796.0000	-22.6631	59.5371	136.1478	0.0255	9.8669	128.6587
1796.2500	-22.6370	59.2952	136.1527	0.0298	9.9605	132.3664
1796.5000	-22.6541	59.6589	136.1584	0.0259	10.0479	136.4644
1796.7500	-22.7122	59.6267	136.1693	0.0157	10.1041	140.7171
1797.0000	-22.7688	59.7745	136.1803	0.0077	10.1206	145.2427
1797.2500	-22.7905	59.8993	136.1841	0.0068	10.0844	149.9186
1797.5000	-22.7967	59.8887	136.1786	0.0101	9.9899	154.0798
1797.7500	-22.8289	59.4232	136.1691	0.0120	9.8673	156.6076
1798.0000	-22.8810	59.5834	136.1632	0.0103	9.7672	157.2593

1798.2500	-22.9049	59.8746	136.1663	0.0091	9.7084	157.3980
1798.5000	-22.8857	59.4986	136.1786	0.0137	9.6666	158.1713
1798.7500	-22.8542	59.4339	136.1933	0.0230	9.6094	159.2538
1799.0000	-22.8244	59.8501	136.2010	0.0304	9.5291	159.6748
1799.2500	-22.7762	59.3985	136.2022	0.0326	9.4418	159.5227
1799.5000	-22.7136	59.5542	136.2061	0.0305	9.3663	159.9227
1799.7500	-22.6723	60.0505	136.2151	0.0263	9.3111	160.6204
1800.0000	-22.6604	59.2073	136.2240	0.0225	9.2798	159.9777
1800.2500	-22.6563	59.8656	136.2314	0.0203	9.2820	157.1844
1800.5000	-22.6654	60.0427	136.2397	0.0184	9.3375	153.1224
1800.7500	-22.7147	59.7068	136.2459	0.0169	9.4628	149.2739
1801.0000	-22.7884	59.4417	136.2459	0.0170	9.6463	145.9049
1801.2500	-22.8428	59.4693	136.2427	0.0174	9.8441	142.7032
1801.5000	-22.8712	59.3522	136.2429	0.0170	10.0021	140.4669
1801.7500	-22.8856	59.7238	136.2488	0.0182	10.0713	139.5468
1802.0000	-22.8728	59.5742	136.2579	0.0226	10.0283	137.5081
1802.2500	-22.8233	60.1568	136.2663	0.0272	9.9001	131.4733
1802.5000	-22.7673	59.7669	136.2736	0.0282	9.7421	122.1499
1802.7500	-22.7364	59.3060	136.2823	0.0248	9.5947	112.8923
1803.0000	-22.7224	59.4863	136.2912	0.0195	9.4759	106.3288
1803.2500	-22.7131	59.5650	136.2971	0.0154	9.3956	103.5605
1803.5000	-22.7271	59.8452	136.2992	0.0128	9.3543	104.5504
1803.7500	-22.7765	59.5649	136.2984	0.0110	9.3426	108.4378
1804.0000	-22.8314	59.8054	136.2970	0.0109	9.3548	114.0064
1804.2500	-22.8570	59.7868	136.2970	0.0135	9.3908	119.5916
1804.5000	-22.8558	59.5896	136.2992	0.0174	9.4414	123.7836
1804.7500	-22.8386	59.7191	136.3043	0.0206	9.4894	126.2989
1805.0000	-22.8009	59.6961	136.3130	0.0235	9.5327	127.1715
1805.2500	-22.7502	59.5865	136.3241	0.0268	9.5820	126.2843
1805.5000	-22.7123	59.7976	136.3340	0.0289	9.6281	123.5865
1805.7500	-22.6917	60.3602	136.3396	0.0283	9.6378	119.2180
1806.0000	-22.6618	59.7111	136.3439	0.0252	9.5918	113.7128
1806.2500	-22.6210	59.8486	136.3505	0.0197	9.5044	107.9147
1806.5000	-22.6100	59.6050	136.3571	0.0096	9.4038	102.7923
1806.7500	-22.6448	59.3259	136.3609	-0.0038	9.3144	99.5410
1807.0000	-22.6824	59.7959	136.3634	-0.0139	9.2524	99.1048
1807.2500	-22.6981	59.2859	136.3635	-0.0157	9.2189	101.0599
1807.5000	-22.7323	59.6204	136.3531	-0.0096	9.2036	103.7588
1807.7500	-22.8032	59.6159	136.3321	0.0005	9.1975	105.5646
1808.0000	-22.8513	60.1505	136.3161	0.0104	9.1982	105.9415
1808.2500	-22.8214	59.5833	136.3192	0.0182	9.2065	106.0971
1808.5000	-22.7425	59.6821	136.3379	0.0264	9.2182	107.4882
1808.7500	-22.6814	59.5835	136.3619	0.0353	9.2262	109.4832
1809.0000	-22.6478	59.5880	136.3843	0.0388	9.2276	110.4405
1809.2500	-22.6142	59.8976	136.4000	0.0334	9.2222	109.9349
1809.5000	-22.5951	59.5079	136.4060	0.0243	9.2122	107.8363
1809.7500	-22.6223	59.6697	136.4026	0.0172	9.2055	103.7041
1810.0000	-22.6836	59.3939	136.3936	0.0124	9.2067	99.1667
1810.2500	-22.7451	59.7237	136.3861	0.0092	9.2112	97.8287
1810.5000	-22.7992	59.2597	136.3866	0.0085	9.2159	101.0973
1810.7500	-22.8471	59.7592	136.3962	0.0101	9.2233	106.7608
1811.0000	-22.8647	59.5881	136.4091	0.0101	9.2324	112.6450
1811.2500	-22.8306	59.7022	136.4184	0.0061	9.2388	118.6390
1811.5000	-22.7608	59.6451	136.4229	0.0030	9.2473	123.7612
1811.7500	-22.6833	59.9428	136.4229	0.0062	9.2672	125.0464
1812.0000	-22.6025	59.8670	136.4138	0.0138	9.2934	121.9590
1812.2500	-22.5309	59.4248	136.3982	0.0204	9.3100	118.0123

1812.5000	-22.5121	59.6420	136.3926	0.0222	9.3080	116.4317
1812.7500	-22.5644	59.4785	136.4085	0.0198	9.2924	117.6676
1813.0000	-22.6443	59.7252	136.4367	0.0189	9.2805	120.5315
1813.2500	-22.7051	59.7067	136.4592	0.0230	9.2949	123.2361
1813.5000	-22.7513	59.8499	136.4673	0.0262	9.3496	125.1879
1813.7500	-22.7924	59.6589	136.4624	0.0216	9.4338	127.3572
1814.0000	-22.7970	59.7482	136.4517	0.0100	9.5168	129.1778
1814.2500	-22.7490	60.0090	136.4442	-0.0020	9.5741	128.5565
1814.5000	-22.6953	59.3275	136.4450	-0.0076	9.6023	125.5789
1814.7500	-22.6806	59.6065	136.4518	-0.0040	9.6081	122.6168
1815.0000	-22.6768	59.4740	136.4567	0.0060	9.5964	121.4466
1815.2500	-22.6435	59.3353	136.4553	0.0165	9.5763	122.1741
1815.5000	-22.6089	59.5588	136.4521	0.0229	9.5587	123.9453
1815.7500	-22.6168	59.5805	136.4544	0.0259	9.5497	125.8642
1816.0000	-22.6516	59.7561	136.4637	0.0296	9.5522	127.9896
1816.2500	-22.6789	59.7636	136.4772	0.0350	9.5618	130.8108
1816.5000	-22.7074	59.6914	136.4908	0.0383	9.5677	133.5095
1816.7500	-22.7443	59.4262	136.5035	0.0355	9.5667	134.8780
1817.0000	-22.7498	59.2782	136.5159	0.0260	9.5605	135.4513
1817.2500	-22.7091	59.7961	136.5254	0.0124	9.5500	137.2484
1817.5000	-22.6787	59.7208	136.5288	-0.0004	9.5434	141.3799
1817.7500	-22.6969	59.9103	136.5253	-0.0078	9.5463	145.9697
1818.0000	-22.7154	59.6048	136.5157	-0.0091	9.5444	148.3560
1818.2500	-22.6840	59.9747	136.5020	-0.0077	9.5224	148.7826
1818.5000	-22.6338	59.5387	136.4899	-0.0070	9.4856	149.6393
1818.7500	-22.6058	60.2091	136.4880	-0.0073	9.4549	153.0906
1819.0000	-22.5834	59.8363	136.4977	-0.0048	9.4442	159.6912
1819.2500	-22.5481	59.3676	136.5100	0.0034	9.4397	167.4563
1819.5000	-22.5278	59.7807	136.5149	0.0141	9.4171	173.2521
1819.7500	-22.5481	59.6759	136.5107	0.0213	9.3822	175.4633
1820.0000	-22.5835	59.4709	136.5060	0.0242	9.3628	175.4206
1820.2500	-22.6071	59.4139	136.5087	0.0270	9.3670	175.7775
1820.5000	-22.6403	59.4771	136.5181	0.0325	9.3748	176.7878
1820.7500	-22.7055	59.5572	136.5306	0.0389	9.3717	176.2070
1821.0000	-22.7613	59.5403	136.5460	0.0418	9.3648	173.2050
1821.2500	-22.7566	59.9458	136.5639	0.0400	9.3598	169.7594
1821.5000	-22.7106	59.5111	136.5799	0.0370	9.3530	168.3388
1821.7500	-22.6672	59.5495	136.5885	0.0347	9.3491	169.6679
1822.0000	-22.6221	59.8992	136.5897	0.0298	9.3566	172.3810
1822.2500	-22.5509	59.8330	136.5887	0.0213	9.3691	174.7255
1822.5000	-22.4831	60.0580	136.5920	0.0140	9.3675	176.2086
1822.7500	-22.4843	59.4632	136.5999	0.0119	9.3424	176.3630
1823.0000	-22.5583	59.5541	136.6056	0.0145	9.3036	174.0973
1823.2500	-22.6473	59.4493	136.6065	0.0194	9.2692	171.1440
1823.5000	-22.7240	59.6713	136.6078	0.0226	9.2516	172.8358
1823.7500	-22.7961	59.6251	136.6123	0.0213	9.2495	182.8641
1824.0000	-22.8559	59.6420	136.6187	0.0194	9.2594	199.6013
1824.2500	-22.8865	59.9427	136.6276	0.0194	9.2903	217.9210
1824.5000	-22.8915	59.6837	136.6372	0.0161	9.3481	232.9101
1824.7500	-22.8737	59.5696	136.6426	0.0073	9.4097	241.8526
1825.0000	-22.8115	59.6449	136.6445	-0.0016	9.4420	244.3231
1825.2500	-22.6966	60.1293	136.6452	-0.0057	9.4369	241.5098
1825.5000	-22.5768	59.6773	136.6400	-0.0029	9.4054	235.5882
1825.7500	-22.5145	59.5526	136.6270	0.0053	9.3559	229.1039
1826.0000	-22.5156	59.9012	136.6155	0.0132	9.3002	222.9389
1826.2500	-22.5491	59.5450	136.6163	0.0171	9.2582	215.3118
1826.5000	-22.6092	59.7897	136.6313	0.0216	9.2395	204.6780

1826.7500	-22.6984	59.7344	136.6532	0.0312	9.2350	191.6548
1827.0000	-22.7848	60.1138	136.6708	0.0414	9.2357	177.8979
1827.2500	-22.8317	59.7065	136.6794	0.0440	9.2458	165.2348
1827.5000	-22.8462	59.9809	136.6832	0.0368	9.2748	154.2287
1827.7500	-22.8473	59.2659	136.6894	0.0253	9.3248	144.0257
1828.0000	-22.8190	59.4570	136.6983	0.0187	9.3871	135.7034
1828.2500	-22.7503	59.5125	136.7043	0.0208	9.4408	132.3872
1828.5000	-22.6803	59.7916	136.7048	0.0251	9.4655	134.2704
1828.7500	-22.6501	59.7330	136.7038	0.0232	9.4717	137.6281
1829.0000	-22.6437	59.3060	136.7083	0.0154	9.4911	139.4623
1829.2500	-22.6347	59.5433	136.7209	0.0089	9.5294	139.7904
1829.5000	-22.6472	59.2890	136.7335	0.0083	9.5657	139.6380
1829.7500	-22.7038	59.5865	136.7358	0.0130	9.5891	139.4130
1830.0000	-22.7643	59.5480	136.7290	0.0199	9.6009	139.2295
1830.2500	-22.7783	59.6865	136.7221	0.0242	9.6051	139.6599
1830.5000	-22.7580	59.5510	136.7214	0.0251	9.6153	141.1926
1830.7500	-22.7435	59.8684	136.7299	0.0268	9.6367	142.5020
1831.0000	-22.7306	59.7067	136.7480	0.0320	9.6527	141.0471
1831.2500	-22.6953	59.4232	136.7693	0.0389	9.6687	135.9296
1831.5000	-22.6507	59.9471	136.7837	0.0428	9.7240	128.4768
1831.7500	-22.6203	59.3445	136.7894	0.0404	9.8219	121.4290
1832.0000	-22.5873	59.4154	136.7930	0.0318	9.9132	117.7686
1832.2500	-22.5396	59.9593	136.7999	0.0206	9.9718	117.7748
1832.5000	-22.5207	59.3337	136.8071	0.0094	10.0275	118.4016
1832.7500	-22.5631	59.5911	136.8106	0.0002	10.0931	116.7996
1833.0000	-22.6287	59.7451	136.8117	-0.0044	10.1078	113.0963
1833.2500	-22.6722	59.7592	136.8104	-0.0032	10.0175	109.6113
1833.5000	-22.7060	59.9581	136.8024	0.0017	9.8691	108.6171
1833.7500	-22.7440	59.8823	136.7897	0.0076	9.7522	110.5839
1834.0000	-22.7485	59.6404	136.7843	0.0132	9.6934	113.3988
1834.2500	-22.7024	59.8640	136.7936	0.0198	9.6733	114.3446
1834.5000	-22.6558	59.5680	136.8106	0.0290	9.7002	113.1385
1834.7500	-22.6433	59.4186	136.8258	0.0382	9.8020	111.1468
1835.0000	-22.6285	59.7406	136.8381	0.0408	9.9605	109.1217
1835.2500	-22.5869	59.8730	136.8499	0.0358	10.1065	107.5610
1835.5000	-22.5683	59.4879	136.8605	0.0293	10.1840	107.2098
1835.7500	-22.6038	59.7468	136.8661	0.0267	10.1913	108.4856
1836.0000	-22.6402	59.4324	136.8658	0.0269	10.1630	111.0701
1836.2500	-22.6233	59.8162	136.8651	0.0264	10.1371	113.7821
1836.5000	-22.5850	59.5156	136.8692	0.0243	10.1384	115.4470
1836.7500	-22.5922	59.6235	136.8791	0.0241	10.1704	115.7444
1837.0000	-22.6435	59.5941	136.8920	0.0264	10.2165	115.3830
1837.2500	-22.6910	59.6112	136.9028	0.0266	10.2473	115.8300
1837.5000	-22.7342	59.7869	136.9092	0.0226	10.2332	117.4496
1837.7500	-22.7979	59.5157	136.9142	0.0181	10.1773	118.5985
1838.0000	-22.8512	59.6497	136.9186	0.0172	10.1202	117.9117
1838.2500	-22.8347	59.6002	136.9184	0.0200	10.0954	116.1542
1838.5000	-22.7580	59.5156	136.9144	0.0232	10.0957	115.2995
1838.7500	-22.6869	59.9070	136.9154	0.0222	10.0942	116.0608
1839.0000	-22.6427	59.3892	136.9264	0.0166	10.0963	116.9350
1839.2500	-22.5971	60.0875	136.9428	0.0119	10.1505	116.7274
1839.5000	-22.5541	59.5265	136.9556	0.0129	10.2993	116.2924
1839.7500	-22.5549	59.9131	136.9586	0.0162	10.5525	116.8735
1840.0000	-22.6012	59.6988	136.9517	0.0160	10.8915	119.0285
1840.2500	-22.6524	59.6898	136.9421	0.0128	11.2483	122.9715
1840.5000	-22.6961	59.4076	136.9402	0.0114	11.4999	128.3248
1840.7500	-22.7454	59.9024	136.9478	0.0154	11.5445	134.0879

1841.0000	-22.7844	59.8051	136.9584	0.0250	11.4012	139.5677
1841.2500	-22.7822	59.4355	136.9684	0.0359	11.1951	145.2343
1841.5000	-22.7472	59.5973	136.9784	0.0410	11.0124	152.4938
1841.7500	-22.7042	59.6250	136.9893	0.0393	10.8218	163.0003
1842.0000	-22.6439	59.9161	137.0018	0.0347	10.5766	177.3094
1842.2500	-22.5631	59.9809	137.0139	0.0295	10.3232	193.2987
1842.5000	-22.5053	59.6435	137.0223	0.0240	10.1422	206.4055
1842.7500	-22.5068	59.6003	137.0265	0.0175	10.0299	211.2918
1843.0000	-22.5433	59.4355	137.0278	0.0099	9.9057	204.1968
1843.2500	-22.5785	59.4894	137.0274	0.0038	9.7265	185.4290
1843.5000	-22.6240	59.8054	137.0264	0.0015	9.5275	159.1289
1843.7500	-22.6970	59.6775	137.0244	0.0012	9.3521	130.6722
1844.0000	-22.7626	59.6833	137.0216	0.0002	9.2135	105.3347
1844.2500	-22.7755	59.4910	137.0214	-0.0001	9.1161	87.3074
1844.5000	-22.7446	59.5710	137.0254	0.0020	9.0595	77.5575
1844.7500	-22.6973	59.7004	137.0288	0.0061	9.0338	74.0371
1845.0000	-22.6210	59.9516	137.0282	0.0105	9.0272	74.5577
1845.2500	-22.5093	59.9670	137.0272	0.0129	9.0299	78.3142
1845.5000	-22.4170	59.5697	137.0305	0.0117	9.0337	85.0199
1845.7500	-22.4030	59.5479	137.0365	0.0093	9.0348	93.6527
1846.0000	-22.4551	59.4663	137.0426	0.0106	9.0376	102.3255
1846.2500	-22.5247	59.7022	137.0473	0.0158	9.0460	108.8310
1846.5000	-22.6010	59.5989	137.0487	0.0203	9.0528	111.6469
1846.7500	-22.6904	59.4802	137.0473	0.0209	9.0513	111.0238
1847.0000	-22.7616	59.8517	137.0495	0.0171	9.0497	108.8575
1847.2500	-22.7778	59.6188	137.0589	0.0106	9.0604	107.6402
1847.5000	-22.7567	60.3248	137.0710	0.0067	9.0843	108.8717
1847.7500	-22.7368	59.7158	137.0783	0.0080	9.1139	111.5656
1848.0000	-22.7078	59.6605	137.0767	0.0096	9.1408	113.3668
1848.2500	-22.6428	59.7268	137.0685	0.0066	9.1560	113.7350
1848.5000	-22.5692	59.6682	137.0621	0.0012	9.1514	114.1663
1848.7500	-22.5396	59.9362	137.0633	-0.0010	9.1300	115.2739
1849.0000	-22.5541	59.7082	137.0687	0.0018	9.1044	116.2714
1849.2500	-22.5808	60.2877	137.0721	0.0082	9.0840	116.8531
1849.5000	-22.6245	59.4940	137.0735	0.0161	9.0685	117.5736
1849.7500	-22.6984	59.4694	137.0762	0.0230	9.0525	118.9304
1850.0000	-22.7695	59.7175	137.0803	0.0276	9.0337	120.6591
1850.2500	-22.7999	59.3399	137.0849	0.0306	9.0215	121.6713
1850.5000	-22.8063	59.6158	137.0942	0.0328	9.0335	121.0686
1850.7500	-22.8153	59.2767	137.1093	0.0336	9.0808	119.0142
1851.0000	-22.8024	59.9825	137.1239	0.0334	9.1552	116.5316
1851.2500	-22.7436	59.5542	137.1334	0.0329	9.2281	114.3724
1851.5000	-22.6725	60.0334	137.1390	0.0299	9.2642	111.8473
1851.7500	-22.6270	59.3783	137.1433	0.0236	9.2487	107.8589
1852.0000	-22.5899	59.4941	137.1471	0.0159	9.2003	102.7390
1852.2500	-22.5464	59.5927	137.1506	0.0086	9.1510	97.5948
1852.5000	-22.5432	59.2350	137.1539	0.0034	9.1150	92.9052
1852.7500	-22.6136	59.7700	137.1565	0.0031	9.0874	88.4673
1853.0000	-22.7020	59.5863	137.1557	0.0078	9.0646	84.3778
1853.2500	-22.7337	59.6405	137.1506	0.0139	9.0536	82.2788
1853.5000	-22.7228	59.5233	137.1458	0.0178	9.0601	84.1479
1853.7500	-22.7394	59.7222	137.1495	0.0184	9.0767	89.7836
1854.0000	-22.7905	59.6697	137.1627	0.0169	9.0911	96.6936
1854.2500	-22.8276	59.7081	137.1783	0.0162	9.0996	101.6794
1854.5000	-22.8381	59.7268	137.1895	0.0173	9.1036	103.0473
1854.7500	-22.8391	59.5896	137.1933	0.0165	9.1056	102.0785
1855.0000	-22.8180	59.6651	137.1895	0.0120	9.1119	101.5197

1855.2500	-22.7542	59.5495	137.1831	0.0082	9.1250	102.4852
1855.5000	-22.6778	59.7035	137.1805	0.0069	9.1369	103.5342
1855.7500	-22.6412	59.5680	137.1825	0.0059	9.1379	102.5553
1856.0000	-22.6429	59.5342	137.1868	0.0064	9.1250	98.7349
1856.2500	-22.6442	59.5588	137.1947	0.0118	9.1029	93.5970
1856.5000	-22.6411	59.5587	137.2032	0.0204	9.0806	90.3506
1856.7500	-22.6596	59.8483	137.2051	0.0275	9.0655	91.0585
1857.0000	-22.6948	59.3985	137.2024	0.0313	9.0625	94.7771
1857.2500	-22.7224	60.1293	137.2066	0.0317	9.0759	99.0801
1857.5000	-22.7497	59.7315	137.2213	0.0306	9.1003	102.3351
1857.7500	-22.7853	59.7854	137.2374	0.0327	9.1179	104.8144
1858.0000	-22.7949	59.9134	137.2494	0.0383	9.1173	108.3503
1858.2500	-22.7461	59.3337	137.2581	0.0394	9.1083	113.3360
1858.5000	-22.6698	59.8745	137.2644	0.0317	9.1112	117.2500
1858.7500	-22.6181	59.6143	137.2706	0.0214	9.1356	118.1879
1859.0000	-22.5891	59.6220	137.2790	0.0154	9.1698	116.8252
1859.2500	-22.5559	59.3876	137.2855	0.0136	9.1928	113.9010
1859.5000	-22.5372	59.5480	137.2847	0.0126	9.1975	109.6549
1859.7500	-22.5706	59.6003	137.2802	0.0083	9.1895	105.0980
1860.0000	-22.6382	59.2566	137.2801	-0.0001	9.1717	100.7336
1860.2500	-22.6963	59.8039	137.2853	-0.0064	9.1442	96.0520
1860.5000	-22.7560	59.7605	137.2895	-0.0044	9.1122	91.8790
1860.7500	-22.8475	59.6914	137.2871	0.0036	9.0844	90.7244
1861.0000	-22.9294	59.5974	137.2788	0.0114	9.0644	94.0607
1861.2500	-22.9270	59.6221	137.2727	0.0167	9.0514	101.1362
1861.5000	-22.8480	59.8779	137.2758	0.0222	9.0504	109.5620
1861.7500	-22.7579	59.3969	137.2875	0.0306	9.0711	116.1886
1862.0000	-22.6694	59.6126	137.3028	0.0420	9.1138	119.3273
1862.2500	-22.5680	59.6390	137.3188	0.0518	9.1624	119.9012
1862.5000	-22.4987	59.6868	137.3339	0.0554	9.1975	119.3821
1862.7500	-22.5166	59.5895	137.3483	0.0534	9.2095	117.4211
1863.0000	-22.5868	59.6929	137.3629	0.0484	9.2005	112.8927
1863.2500	-22.6446	59.7576	137.3763	0.0410	9.1845	106.6479
1863.5000	-22.7041	59.7176	137.3866	0.0318	9.1800	101.2073
1863.7500	-22.7948	59.4153	137.3943	0.0218	9.1895	98.0444
1864.0000	-22.8687	59.4248	137.3996	0.0115	9.1981	96.6140
1864.2500	-22.8655	59.8116	137.4007	0.0030	9.1987	95.7120
1864.5000	-22.8064	59.4401	137.3975	0.0004	9.1961	94.6883
1864.7500	-22.7499	59.7453	137.3919	0.0036	9.1905	93.5945
1865.0000	-22.7044	60.2323	137.3859	0.0059	9.1824	92.6308
1865.2500	-22.6526	59.5249	137.3822	0.0020	9.1846	91.3308
1865.5000	-22.6094	59.6466	137.3874	-0.0042	9.2121	88.8108
1865.7500	-22.5961	59.5033	137.4016	-0.0049	9.2622	84.6245
1866.0000	-22.6015	59.6357	137.4113	0.0024	9.3130	79.0981
1866.2500	-22.6135	59.5634	137.4048	0.0125	9.3455	73.5629
1866.5000	-22.6513	59.8715	137.3891	0.0194	9.3584	69.6452
1866.7500	-22.7206	59.9519	137.3821	0.0229	9.3608	67.7073
1867.0000	-22.7773	59.9100	137.3908	0.0272	9.3625	66.5731
1867.2500	-22.7741	59.9099	137.4073	0.0344	9.3675	65.1346
1867.5000	-22.7270	59.2797	137.4261	0.0415	9.3720	64.2659
1867.7500	-22.6957	59.8178	137.4475	0.0436	9.3604	66.6194
1868.0000	-22.6907	59.6404	137.4658	0.0403	9.3117	73.4916
1868.2500	-22.6756	59.6806	137.4737	0.0362	9.2322	82.7158
1868.5000	-22.6542	59.8067	137.4722	0.0320	9.1586	91.5405
1868.7500	-22.6657	59.3738	137.4692	0.0242	9.1162	99.4293
1869.0000	-22.6994	59.3783	137.4714	0.0135	9.1132	106.5193
1869.2500	-22.6992	59.8965	137.4797	0.0060	9.1628	112.9885

1869.5000	-22.6644	59.5572	137.4902	0.0045	9.2727	119.9560
1869.7500	-22.6476	59.5602	137.4958	0.0071	9.4208	128.0430
1870.0000	-22.6535	59.6976	137.4928	0.0117	9.5667	136.1026
1870.2500	-22.6397	59.9442	137.4856	0.0165	9.6877	142.3445
1870.5000	-22.6108	59.4756	137.4811	0.0207	9.7772	145.9968
1870.7500	-22.6119	59.4631	137.4834	0.0257	9.8217	147.5993
1871.0000	-22.6313	59.7281	137.4948	0.0318	9.8093	148.5161
1871.2500	-22.6227	59.9038	137.5127	0.0354	9.7548	150.1240
1871.5000	-22.6035	59.9702	137.5315	0.0344	9.6930	152.2002
1871.7500	-22.6197	59.5958	137.5473	0.0287	9.6596	153.6334
1872.0000	-22.6615	59.6358	137.5563	0.0199	9.6858	154.6024
1872.2500	-22.6903	59.6403	137.5564	0.0125	9.7758	155.2432
1872.5000	-22.7056	59.7807	137.5499	0.0087	9.8790	154.4201
1872.7500	-22.7271	59.3507	137.5408	0.0068	9.9221	151.3969
1873.0000	-22.7460	59.4492	137.5347	0.0071	9.8775	146.3507
1873.2500	-22.7449	59.6390	137.5377	0.0127	9.7760	139.6004
1873.5000	-22.7356	59.9085	137.5489	0.0219	9.6523	131.3601
1873.7500	-22.7370	59.4492	137.5608	0.0294	9.5086	122.0874
1874.0000	-22.7390	59.5372	137.5705	0.0333	9.3466	112.5163
1874.2500	-22.7278	60.0318	137.5818	0.0350	9.1995	103.4212
1874.5000	-22.7230	59.3831	137.5936	0.0358	9.1065	95.5902
1874.7500	-22.7400	59.7022	137.5995	0.0351	9.0772	89.0886
1875.0000	-22.7402	59.4663	137.6012	0.0314	9.0955	83.5372
1875.2500	-22.6760	59.6961	137.6078	0.0242	9.1339	79.5713
1875.5000	-22.5761	60.1459	137.6206	0.0167	9.1650	78.0266
1875.7500	-22.5133	59.2520	137.6310	0.0141	9.1867	77.7915
1876.0000	-22.5017	59.7067	137.6333	0.0175	9.2216	76.7206
1876.2500	-22.5063	59.3938	137.6303	0.0215	9.2803	74.4540
1876.5000	-22.5243	59.3291	137.6271	0.0208	9.3347	72.2303
1876.7500	-22.5747	59.6143	137.6278	0.0169	9.3382	70.4826
1877.0000	-22.6300	59.6434	137.6363	0.0155	9.2760	68.8800
1877.2500	-22.6529	59.6713	137.6507	0.0192	9.1864	67.7000
1877.5000	-22.6659	59.5049	137.6621	0.0251	9.1202	67.3398
1877.7500	-22.6940	59.5649	137.6648	0.0277	9.0930	67.6373
1878.0000	-22.7088	60.0904	137.6644	0.0238	9.0869	68.3331
1878.2500	-22.6899	59.6652	137.6688	0.0166	9.0773	69.2268
1878.5000	-22.6698	59.9380	137.6772	0.0127	9.0520	70.2903
1878.7500	-22.6746	59.5848	137.6832	0.0133	9.0185	72.2261
1879.0000	-22.6772	59.8871	137.6839	0.0127	8.9926	75.7625
1879.2500	-22.6554	59.3614	137.6840	0.0086	8.9807	80.0659
1879.5000	-22.6407	59.6976	137.6875	0.0050	8.9783	83.3729
1879.7500	-22.6601	59.5727	137.6913	0.0056	8.9821	85.0820
1880.0000	-22.6835	59.5187	137.6898	0.0079	8.9951	86.0186
1880.2500	-22.6881	59.5618	137.6859	0.0081	9.0222	87.0366
1880.5000	-22.7161	59.3445	137.6873	0.0049	9.0619	87.8860
1880.7500	-22.7920	59.8162	137.6944	0.0015	9.1017	87.5468
1881.0000	-22.8525	59.4818	137.6998	0.0030	9.1350	85.8860
1881.2500	-22.8324	59.7098	137.7002	0.0097	9.1773	84.0769
1881.5000	-22.7611	59.6882	137.6973	0.0152	9.2427	83.1253
1881.7500	-22.7021	59.4570	137.6943	0.0143	9.3026	83.2091
1882.0000	-22.6602	59.7343	137.6958	0.0090	9.3031	84.1412
1882.2500	-22.6292	59.4864	137.7052	0.0039	9.2432	85.4364
1882.5000	-22.6525	59.7345	137.7177	0.0016	9.1855	86.7157
1882.7500	-22.7573	60.0182	137.7231	0.0022	9.1790	88.3430
1883.0000	-22.8753	60.0567	137.7179	0.0036	9.2196	90.5057
1883.2500	-22.9066	59.3459	137.7080	0.0040	9.2706	92.4981
1883.5000	-22.8547	59.7453	137.7005	0.0062	9.2875	94.1972

1883.7500	-22.8022	59.4385	137.6988	0.0129	9.2498	96.8063
1884.0000	-22.7745	59.6729	137.7030	0.0207	9.1819	100.9028
1884.2500	-22.7336	59.8992	137.7132	0.0235	9.1273	104.9006
1884.5000	-22.6730	59.5832	137.7300	0.0218	9.1032	106.9595
1884.7500	-22.6256	59.9886	137.7490	0.0212	9.0985	107.2472
1885.0000	-22.5971	59.6110	137.7594	0.0243	9.1057	106.7516
1885.2500	-22.5709	59.6189	137.7551	0.0280	9.1299	105.3741
1885.5000	-22.5671	59.5865	137.7440	0.0278	9.1780	103.0562
1885.7500	-22.6186	59.4818	137.7412	0.0233	9.2573	101.3634
1886.0000	-22.6994	59.6651	137.7515	0.0208	9.3775	101.0588
1886.2500	-22.7463	59.5603	137.7692	0.0250	9.5493	100.1945
1886.5000	-22.7513	59.7038	137.7856	0.0305	9.7585	97.4166
1886.7500	-22.7511	59.6294	137.7957	0.0266	9.9385	93.8479
1887.0000	-22.7406	59.7546	137.8009	0.0126	10.0120	90.7962
1887.2500	-22.6881	59.9207	137.8051	-0.0020	9.9690	88.8077
1887.5000	-22.6173	59.1734	137.8050	-0.0094	9.8659	87.9706
1887.7500	-22.5865	59.6003	137.7944	-0.0098	9.7547	87.3622
1888.0000	-22.5914	59.3137	137.7767	-0.0070	9.6491	86.0941
1888.2500	-22.5842	59.6127	137.7652	-0.0030	9.5460	84.4380
1888.5000	-22.5640	60.0040	137.7669	0.0031	9.4561	82.6340
1888.7500	-22.5592	59.4124	137.7761	0.0118	9.4063	80.6116
1889.0000	-22.5655	59.9362	137.7869	0.0202	9.3969	78.9658
1889.2500	-22.5643	59.5801	137.7990	0.0236	9.3808	78.6825
1889.5000	-22.5664	59.9443	137.8112	0.0219	9.3229	80.1310
1889.7500	-22.5887	59.7762	137.8180	0.0202	9.2493	82.6123
1890.0000	-22.6098	59.6560	137.8171	0.0207	9.2059	85.0147
1890.2500	-22.6027	59.7253	137.8124	0.0207	9.2032	87.1994
1890.5000	-22.5949	59.3213	137.8108	0.0179	9.2175	89.8373
1890.7500	-22.6274	59.6497	137.8165	0.0144	9.2296	92.4440
1891.0000	-22.6658	59.3646	137.8284	0.0143	9.2502	93.7502
1891.2500	-22.6532	59.8795	137.8405	0.0179	9.3008	93.9046
1891.5000	-22.6174	59.7330	137.8470	0.0206	9.3772	93.5083
1891.7500	-22.6142	59.2628	137.8468	0.0198	9.4488	91.9824
1892.0000	-22.6298	59.9717	137.8457	0.0172	9.4830	88.5979
1892.2500	-22.6263	59.4832	137.8482	0.0148	9.4598	83.6441
1892.5000	-22.6232	59.5958	137.8520	0.0141	9.3812	78.7388
1892.7500	-22.6504	59.7512	137.8562	0.0148	9.2781	75.7674
1893.0000	-22.6717	59.2829	137.8627	0.0134	9.1917	74.2375
1893.2500	-22.6469	59.4600	137.8701	0.0078	9.1423	71.5531
1893.5000	-22.6159	59.4062	137.8753	0.0019	9.1286	66.6089
1893.7500	-22.6350	59.6497	137.8765	-0.0005	9.1444	60.8926
1894.0000	-22.6724	59.3506	137.8725	-0.0013	9.1783	56.2130
1894.2500	-22.6697	60.0938	137.8638	-0.0032	9.2087	52.8239
1894.5000	-22.6492	59.9701	137.8559	-0.0049	9.2135	49.8490
1894.7500	-22.6528	59.4910	137.8552	-0.0047	9.1856	46.8773
1895.0000	-22.6550	59.9223	137.8600	-0.0022	9.1414	44.3957
1895.2500	-22.6199	59.4216	137.8637	0.0026	9.1079	43.1856
1895.5000	-22.5762	59.6806	137.8654	0.0084	9.0994	44.0581
1895.7500	-22.5697	59.7962	137.8672	0.0110	9.1116	47.4531
1896.0000	-22.5889	59.6760	137.8681	0.0082	9.1259	52.6402
1896.2500	-22.6029	59.6667	137.8689	0.0014	9.1174	57.9878
1896.5000	-22.6241	59.3568	137.8727	-0.0074	9.0760	62.5059
1896.7500	-22.6737	59.8516	137.8773	-0.0148	9.0232	66.5349
1897.0000	-22.7225	59.7484	137.8765	-0.0166	8.9909	70.8980
1897.2500	-22.7300	59.4817	137.8666	-0.0158	8.9901	75.8040
1897.5000	-22.7101	59.8700	137.8506	-0.0196	9.0172	80.7479
1897.7500	-22.6929	59.3122	137.8376	-0.0250	9.0676	85.0855

1898.0000	-22.6659	59.6697	137.8350	-0.0235	9.1278	87.9987
1898.2500	-22.6150	59.4308	137.8373	-0.0155	9.1829	88.4818
1898.5000	-22.5805	59.6899	137.8335	-0.0068	9.2322	86.3806
1898.7500	-22.5934	59.6697	137.8273	0.0010	9.2779	83.0530
1899.0000	-22.6123	59.4370	137.8296	0.0072	9.3079	79.8904
1899.2500	-22.6047	59.9994	137.8356	0.0122	9.3016	77.2863
1899.5000	-22.6065	59.3784	137.8371	0.0163	9.2482	75.3366
1899.7500	-22.6430	59.9069	137.8395	0.0153	9.1644	73.7252
1900.0000	-22.6755	59.4694	137.8495	0.0083	9.0885	71.6835
1900.2500	-22.6735	59.5527	137.8616	0.0052	9.0475	69.3595
1900.5000	-22.6699	60.0857	137.8660	0.0098	9.0368	67.9838
1900.7500	-22.6832	59.2428	137.8578	0.0112	9.0359	68.1508
1901.0000	-22.6693	59.6204	137.8461	0.0016	9.0362	69.1041
1901.2500	-22.6018	59.4724	137.8459	-0.0113	9.0427	69.8393
1901.5000	-22.5296	59.8068	137.8567	-0.0143	9.0588	70.2596
1901.7500	-22.4994	59.6420	137.8619	-0.0036	9.0768	70.8511
1902.0000	-22.4862	59.1780	137.8526	0.0096	9.0855	71.4462
1902.2500	-22.4662	59.8098	137.8389	0.0129	9.0842	71.5176
1902.5000	-22.4807	59.7497	137.8374	0.0086	9.0806	71.0555
1902.7500	-22.5655	59.4818	137.8507	0.0070	9.0787	70.1737
1903.0000	-22.6765	59.8301	137.8652	0.0121	9.0786	69.1017
1903.2500	-22.7394	59.3276	137.8718	0.0165	9.0797	68.9767
1903.5000	-22.7487	59.5387	137.8738	0.0135	9.0823	70.7916
1903.7500	-22.7442	59.2643	137.8760	0.0066	9.0850	73.3232
1904.0000	-22.7175	59.6960	137.8768	0.0035	9.0859	74.4785
1904.2500	-22.6330	59.7792	137.8720	0.0038	9.0868	74.2521
1904.5000	-22.5224	59.3676	137.8645	0.0019	9.0894	74.4165
1904.7500	-22.4601	59.9054	137.8639	-0.0036	9.0917	76.3839
1905.0000	-22.4520	59.4617	137.8723	-0.0077	9.0995	79.9978
1905.2500	-22.4553	59.5296	137.8795	-0.0040	9.1282	83.7136
1905.5000	-22.4810	59.6836	137.8775	0.0063	9.1855	86.2097
1905.7500	-22.5623	59.8056	137.8688	0.0141	9.2619	87.4127
1906.0000	-22.6607	59.8486	137.8615	0.0139	9.3317	87.6667
1906.2500	-22.7066	59.5248	137.8641	0.0105	9.3713	86.7800
1906.5000	-22.7047	59.7007	137.8771	0.0108	9.3886	84.2095
1906.7500	-22.7024	59.5572	137.8921	0.0151	9.4075	80.3706
1907.0000	-22.6908	59.3137	137.9002	0.0180	9.4212	76.9905
1907.2500	-22.6348	59.6683	137.9005	0.0148	9.3962	74.9978
1907.5000	-22.5548	59.8438	137.8990	0.0072	9.3210	73.6158
1907.7500	-22.4946	59.9396	137.8990	-0.0008	9.2206	72.4375
1908.0000	-22.4507	59.4339	137.8974	-0.0054	9.1300	72.3173
1908.2500	-22.4141	59.4695	137.8937	-0.0056	9.0678	73.4286
1908.5000	-22.4267	59.6328	137.8915	-0.0063	9.0364	74.8066
1908.7500	-22.5109	59.7962	137.8906	-0.0119	9.0324	76.1262
1909.0000	-22.6092	59.9425	137.8894	-0.0176	9.0506	77.2374
1909.2500	-22.6561	59.7636	137.8892	-0.0163	9.0878	76.9375
1909.5000	-22.6587	59.7683	137.8864	-0.0085	9.1493	74.6188
1909.7500	-22.6648	59.8345	137.8752	0.0014	9.2406	71.2871
1910.0000	-22.6840	59.5370	137.8622	0.0088	9.3455	68.0042
1910.2500	-22.6855	59.7944	137.8610	0.0109	9.4221	64.9095
1910.5000	-22.6607	59.4941	137.8746	0.0109	9.4334	61.7293
1910.7500	-22.6301	59.4786	137.8933	0.0154	9.3828	58.7224
1911.0000	-22.5914	59.6266	137.9070	0.0234	9.3015	56.8242
1911.2500	-22.5404	59.2921	137.9111	0.0261	9.2136	56.4168
1911.5000	-22.5195	59.4693	137.9082	0.0198	9.1337	56.5889
1911.7500	-22.5564	59.4601	137.9060	0.0105	9.0798	56.4328
1912.0000	-22.6057	59.6143	137.9090	0.0056	9.0602	56.4736

1912.2500	-22.6185	59.8841	137.9133	0.0058	9.0606	57.5304
1912.5000	-22.6178	59.3630	137.9141	0.0078	9.0610	59.0141
1912.7500	-22.6402	59.5341	137.9143	0.0094	9.0533	59.8143
1913.0000	-22.6604	59.8807	137.9182	0.0098	9.0414	59.5729
1913.2500	-22.6500	59.4539	137.9227	0.0090	9.0293	58.4684
1913.5000	-22.6392	59.4400	137.9238	0.0083	9.0186	57.2999
1913.7500	-22.6573	59.3353	137.9247	0.0093	9.0118	57.4361
1914.0000	-22.6701	59.6635	137.9285	0.0115	9.0067	59.5296
1914.2500	-22.6420	59.5187	137.9313	0.0142	8.9994	62.8827
1914.5000	-22.6073	59.5372	137.9307	0.0185	8.9939	66.2873
1914.7500	-22.6088	59.4770	137.9330	0.0220	8.9994	68.9768
1915.0000	-22.6221	59.7036	137.9412	0.0201	9.0167	71.1196
1915.2500	-22.6032	59.6173	137.9512	0.0135	9.0333	73.5635
1915.5000	-22.5694	59.4355	137.9608	0.0091	9.0365	76.6029
1915.7500	-22.5619	59.5619	137.9688	0.0100	9.0253	79.2701
1916.0000	-22.5657	59.7468	137.9686	0.0122	9.0053	80.3089
1916.2500	-22.5479	59.3985	137.9582	0.0114	8.9821	79.7248
1916.5000	-22.5292	59.8022	137.9489	0.0066	8.9602	78.6308
1916.7500	-22.5468	59.4124	137.9530	0.0001	8.9447	77.5871
1917.0000	-22.5793	59.8392	137.9656	-0.0042	8.9409	76.5341
1917.2500	-22.5814	59.5634	137.9740	-0.0047	8.9522	75.8290
1917.5000	-22.5614	59.4694	137.9740	-0.0053	8.9775	76.0850
1917.7500	-22.5484	60.1135	137.9689	-0.0080	9.0104	77.4868
1918.0000	-22.5324	59.5850	137.9603	-0.0092	9.0438	79.5571
1918.2500	-22.4983	59.5773	137.9487	-0.0063	9.0718	81.4710
1918.5000	-22.4771	59.9840	137.9383	-0.0012	9.0888	83.0430
1918.7500	-22.4983	59.6467	137.9370	0.0047	9.0953	85.6206
1919.0000	-22.5326	59.6559	137.9473	0.0145	9.0945	90.9310
1919.2500	-22.5497	59.6188	137.9614	0.0301	9.0863	98.6798
1919.5000	-22.5679	59.6775	137.9716	0.0447	9.0708	106.4591
1919.7500	-22.6034	59.7484	137.9782	0.0487	9.0538	111.7361
1920.0000	-22.6289	59.7485	137.9894	0.0390	9.0465	113.4560
1920.2500	-22.6250	59.6328	138.0088	0.0238	9.0558	113.1788
1920.5000	-22.6215	59.4214	138.0277	0.0147	9.0769	114.1515
1920.7500	-22.6379	59.5866	138.0344	0.0147	9.1084	117.8384
1921.0000	-22.6365	59.7759	138.0253	0.0141	9.1630	123.1796
1921.2500	-22.5875	59.4910	138.0089	0.0058	9.2495	129.3544
1921.5000	-22.5349	59.7947	138.0010	-0.0037	9.3471	136.0695
1921.7500	-22.5311	59.7114	138.0077	-0.0065	9.4097	142.0684
1922.0000	-22.5494	59.5157	138.0175	-0.0045	9.4079	146.1950
1922.2500	-22.5425	59.6559	138.0204	-0.0051	9.3733	148.9349
1922.5000	-22.5282	59.6359	138.0204	-0.0120	9.3820	151.1677
1922.7500	-22.5481	59.7623	138.0214	-0.0168	9.4860	152.0266
1923.0000	-22.5872	59.9843	138.0164	-0.0077	9.6688	150.2557
1923.2500	-22.6109	59.7300	137.9987	0.0103	9.8607	147.1393
1923.5000	-22.6371	59.5186	137.9770	0.0206	9.9882	145.0518
1923.7500	-22.6862	60.1244	137.9741	0.0180	10.0228	143.8061
1924.0000	-22.7144	59.5865	138.0022	0.0132	9.9980	141.7981
1924.2500	-22.6788	59.3675	138.0410	0.0194	9.9648	139.8532
1924.5000	-22.6208	59.6452	138.0616	0.0373	9.9255	140.4621
1924.7500	-22.5918	59.8856	138.0574	0.0512	9.8440	143.4021
1925.0000	-22.5628	59.4633	138.0427	0.0468	9.7285	145.4327
1925.2500	-22.5070	59.5710	138.0375	0.0285	9.6252	145.1500
1925.5000	-22.4701	59.9207	138.0515	0.0118	9.5300	145.3649
1925.7500	-22.4913	59.7698	138.0766	0.0074	9.4155	149.2912
1926.0000	-22.5445	59.8822	138.0959	0.0133	9.3101	156.3278
1926.2500	-22.5999	59.4091	138.0979	0.0179	9.2538	162.8356

1926.5000	-22.6751	59.8148	138.0853	0.0140	9.2357	166.8236
1926.7500	-22.7732	59.6282	138.0722	0.0063	9.2287	170.7008
1927.0000	-22.8271	59.5696	138.0693	0.0008	9.2358	176.8811
1927.2500	-22.7782	59.8868	138.0733	-0.0009	9.2677	183.0496
1927.5000	-22.6715	59.1980	138.0794	0.0040	9.3041	186.2508
1927.7500	-22.5913	59.8329	138.0892	0.0146	9.3042	187.3751
1928.0000	-22.5470	59.4401	138.0974	0.0241	9.2557	187.3662
1928.2500	-22.5093	59.7161	138.0962	0.0289	9.1923	184.2345
1928.5000	-22.4914	59.6204	138.0933	0.0290	9.1507	175.9052
1928.7500	-22.5113	59.5064	138.1014	0.0237	9.1345	162.4347
1929.0000	-22.5389	59.6125	138.1174	0.0191	9.1268	145.9372
1929.2500	-22.5548	60.0861	138.1311	0.0250	9.1180	129.5737
1929.5000	-22.6005	59.6313	138.1375	0.0364	9.1071	115.7606
1929.7500	-22.6940	59.6803	138.1365	0.0398	9.0939	105.5021
1930.0000	-22.7738	59.5850	138.1357	0.0334	9.0795	98.8421
1930.2500	-22.7844	59.4524	138.1462	0.0256	9.0652	95.0397
1930.5000	-22.7433	59.4324	138.1661	0.0229	9.0544	92.9578
1930.7500	-22.6822	59.8946	138.1809	0.0260	9.0549	92.2737
1931.0000	-22.5913	59.6960	138.1842	0.0288	9.0696	93.4333
1931.2500	-22.4789	59.2197	138.1823	0.0250	9.0883	96.2305
1931.5000	-22.4115	59.7145	138.1834	0.0156	9.0976	99.8428
1931.7500	-22.4297	59.2982	138.1886	0.0057	9.0912	103.7225
1932.0000	-22.4854	59.5989	138.1933	-0.0001	9.0692	107.4013
1932.2500	-22.5264	59.9594	138.1962	-0.0011	9.0402	109.9732
1932.5000	-22.5758	59.3399	138.1973	-0.0023	9.0128	110.5873
1932.7500	-22.6520	59.4724	138.1924	-0.0062	8.9878	109.7796
1933.0000	-22.7022	59.4047	138.1841	-0.0070	8.9689	109.2457
1933.2500	-22.6768	59.6712	138.1802	-0.0032	8.9687	109.6045
1933.5000	-22.6090	59.5973	138.1787	0.0006	8.9960	109.9262
1933.7500	-22.5646	59.4802	138.1763	0.0031	9.0445	109.6192
1934.0000	-22.5443	59.9023	138.1792	0.0069	9.1005	109.0857
1934.2500	-22.5189	59.6622	138.1898	0.0113	9.1540	108.5066
1934.5000	-22.5139	59.6513	138.1985	0.0131	9.1956	107.2764
1934.7500	-22.5592	59.7916	138.1985	0.0123	9.2159	105.3840
1935.0000	-22.6156	59.4525	138.1978	0.0123	9.2104	104.3416
1935.2500	-22.6296	59.4801	138.2028	0.0178	9.1838	104.8099
1935.5000	-22.6134	59.5789	138.2050	0.0294	9.1502	105.2711
1935.7500	-22.6102	59.5433	138.2008	0.0414	9.1353	104.3010
1936.0000	-22.6152	59.5294	138.2038	0.0447	9.1664	101.4284
1936.2500	-22.5986	59.4509	138.2253	0.0373	9.2485	96.8619
1936.5000	-22.5787	59.7392	138.2573	0.0276	9.3504	91.9452
1936.7500	-22.5957	59.3692	138.2814	0.0244	9.4221	87.8238
1937.0000	-22.6272	59.8144	138.2873	0.0272	9.4258	84.6040
1937.2500	-22.6277	59.7189	138.2775	0.0271	9.3553	82.5111
1937.5000	-22.6227	59.5710	138.2602	0.0182	9.2417	81.4071
1937.7500	-22.6559	59.6821	138.2496	0.0049	9.1324	80.0545
1938.0000	-22.6939	59.4633	138.2582	-0.0037	9.0582	77.6938
1938.2500	-22.6760	59.7638	138.2795	-0.0005	9.0238	75.3359
1938.5000	-22.6219	59.7376	138.2938	0.0136	9.0161	74.5226
1938.7500	-22.5936	59.5757	138.2911	0.0281	9.0180	75.4241
1939.0000	-22.5825	59.9023	138.2799	0.0314	9.0245	76.9471
1939.2500	-22.5420	59.4047	138.2764	0.0255	9.0404	78.3764
1939.5000	-22.4962	59.9608	138.2874	0.0228	9.0667	79.7670
1939.7500	-22.5147	59.2782	138.3058	0.0294	9.0971	80.8175
1940.0000	-22.5927	59.7436	138.3210	0.0395	9.1359	81.1620
1940.2500	-22.6622	59.7036	138.3305	0.0443	9.2005	81.6362
1940.5000	-22.7034	59.4154	138.3394	0.0406	9.2854	83.6248

1940.7500	-22.7361	59.6975	138.3498	0.0323	9.3409	87.2075
1941.0000	-22.7397	59.4232	138.3589	0.0250	9.3249	90.8452
1941.2500	-22.6760	59.6544	138.3650	0.0203	9.2581	92.7749
1941.5000	-22.5761	59.7576	138.3687	0.0142	9.1942	92.0727
1941.7500	-22.5132	59.4633	138.3705	0.0055	9.1539	88.7973
1942.0000	-22.5007	59.7481	138.3710	0.0001	9.1253	83.6979
1942.2500	-22.5022	59.4724	138.3712	0.0004	9.1027	78.0807
1942.5000	-22.5144	59.9686	138.3678	0.0016	9.0924	73.9892
1942.7500	-22.5645	59.4261	138.3608	0.0026	9.0929	72.8865
1943.0000	-22.6384	59.5418	138.3591	0.0073	9.0901	74.0885
1943.2500	-22.6926	59.6836	138.3658	0.0150	9.0735	75.7698
1943.5000	-22.7199	59.4771	138.3719	0.0226	9.0480	76.7510
1943.7500	-22.7289	59.7221	138.3756	0.0275	9.0282	77.0590
1944.0000	-22.6998	59.7358	138.3856	0.0251	9.0281	77.4510
1944.2500	-22.6194	59.5542	138.4012	0.0160	9.0493	78.5905
1944.5000	-22.5278	59.7438	138.4130	0.0100	9.0781	80.6850
1944.7500	-22.4761	59.3492	138.4159	0.0110	9.0955	83.2818
1945.0000	-22.4624	59.4092	138.4094	0.0131	9.0970	84.9372
1945.2500	-22.4610	59.6065	138.3978	0.0144	9.0963	83.9811
1945.5000	-22.4823	59.6822	138.3919	0.0180	9.1046	80.4723
1945.7500	-22.5485	59.6081	138.3977	0.0251	9.1147	76.2444
1946.0000	-22.6356	59.5909	138.4119	0.0348	9.1149	72.6508
1946.2500	-22.7045	59.5788	138.4300	0.0445	9.1064	70.1176
1946.5000	-22.7633	59.6112	138.4489	0.0497	9.0962	69.3947
1946.7500	-22.8256	60.0858	138.4661	0.0488	9.0852	70.5836
1947.0000	-22.8433	59.6912	138.4790	0.0447	9.0767	72.0383
1947.2500	-22.7620	59.6202	138.4867	0.0410	9.0773	72.1804
1947.5000	-22.6191	59.9750	138.4913	0.0373	9.0822	70.9658
1947.7500	-22.5031	59.4601	138.4952	0.0315	9.0832	69.2685
1948.0000	-22.4422	59.4386	138.5013	0.0242	9.0874	67.8088
1948.2500	-22.4170	59.5803	138.5120	0.0179	9.1083	66.6214
1948.5000	-22.4278	59.4632	138.5235	0.0153	9.1470	65.7183
1948.7500	-22.4782	59.7670	138.5292	0.0173	9.1879	65.4349
1949.0000	-22.5407	59.4955	138.5273	0.0213	9.2106	65.9052
1949.2500	-22.5932	59.5265	138.5224	0.0232	9.2058	66.9646
1949.5000	-22.6546	59.5772	138.5219	0.0235	9.1805	68.5147
1949.7500	-22.7315	59.3260	138.5299	0.0257	9.1488	70.4946
1950.0000	-22.7780	59.6634	138.5439	0.0315	9.1222	72.3081
1950.2500	-22.7590	59.5649	138.5583	0.0390	9.1046	73.3408
1950.5000	-22.7060	59.6002	138.5705	0.0442	9.0950	73.9097
1950.7500	-22.6569	59.9639	138.5806	0.0448	9.0930	74.1510
1951.0000	-22.5969	59.5404	138.5904	0.0401	9.0984	73.2960
1951.2500	-22.5232	59.6745	138.6005	0.0316	9.1176	71.3650
1951.5000	-22.4889	59.8855	138.6103	0.0239	9.1668	69.8180
1951.7500	-22.5246	59.2165	138.6194	0.0199	9.2452	69.7055
1952.0000	-22.5899	59.7823	138.6240	0.0170	9.3161	70.4301
1952.2500	-22.6486	59.4972	138.6216	0.0118	9.3430	71.0380
1952.5000	-22.7261	60.0642	138.6182	0.0065	9.3409	71.3524
1952.7500	-22.8318	59.4786	138.6205	0.0049	9.3554	71.1292
1953.0000	-22.9061	59.6343	138.6245	0.0085	9.3926	70.0151
1953.2500	-22.9024	59.7590	138.6241	0.0166	9.4086	68.6829
1953.5000	-22.8547	60.0951	138.6233	0.0261	9.3783	68.0477
1953.7500	-22.8066	59.8606	138.6292	0.0325	9.3391	67.9087
1954.0000	-22.7460	59.3754	138.6409	0.0354	9.3370	67.8283
1954.2500	-22.6700	59.7792	138.6549	0.0384	9.3643	68.0613
1954.5000	-22.6328	59.5202	138.6705	0.0416	9.3772	68.7583
1954.7500	-22.6714	59.7668	138.6854	0.0430	9.3520	69.1440

1955.0000	-22.7428	59.5432	138.6953	0.0420	9.2983	67.9165
1955.2500	-22.7732	59.7065	138.7009	0.0367	9.2358	64.7820
1955.5000	-22.7496	59.7514	138.7066	0.0255	9.1788	61.2439
1955.7500	-22.7190	59.5095	138.7152	0.0133	9.1331	58.8246
1956.0000	-22.7083	59.4693	138.7249	0.0078	9.1004	57.7037
1956.2500	-22.6989	59.8254	138.7283	0.0098	9.0822	57.2459
1956.5000	-22.6851	59.5896	138.7215	0.0156	9.0738	56.1402
1956.7500	-22.6852	59.7728	138.7120	0.0223	9.0626	53.3867
1957.0000	-22.6851	59.4555	138.7108	0.0274	9.0425	49.9601
1957.2500	-22.6607	59.5325	138.7204	0.0310	9.0193	47.7679
1957.5000	-22.6408	59.5712	138.7379	0.0337	9.0018	47.4008
1957.7500	-22.6554	59.8362	138.7599	0.0346	8.9996	48.0488
1958.0000	-22.6772	59.3784	138.7797	0.0355	9.0197	48.6397
1958.2500	-22.6748	59.4910	138.7902	0.0399	9.0545	48.6981
1958.5000	-22.6711	59.9641	138.7889	0.0421	9.0792	48.5749
1958.7500	-22.6964	59.3600	138.7811	0.0348	9.0720	48.8006
1959.0000	-22.7301	59.6914	138.7818	0.0241	9.0382	49.2981
1959.2500	-22.7384	59.4293	138.8002	0.0215	9.0030	49.5208
1959.5000	-22.7173	59.5356	138.8221	0.0293	8.9849	49.3100
1959.7500	-22.6534	59.6188	138.8296	0.0400	8.9868	48.9809
1960.0000	-22.5049	59.3738	138.8279	0.0418	9.0048	48.6192
1960.2500	-22.2916	59.9241	138.8331	0.0302	9.0317	48.1498
1960.5000	-22.1269	59.9532	138.8475	0.0165	9.0596	47.7272
1960.7500	-22.0786	59.4093	138.8611	0.0157	9.0830	47.7316
1961.0000	-22.0767	59.5866	138.8654	0.0254	9.0937	48.7745
1961.2500	-22.0243	59.9134	138.8606	0.0295	9.0844	51.4785
1961.5000	-21.9412	59.5325	138.8552	0.0199	9.0624	55.9349
1961.7500	-21.9186	59.7359	138.8609	0.0068	9.0425	61.5316
1962.0000	-21.9762	59.8622	138.8786	0.0051	9.0277	67.4249
1962.2500	-22.0639	59.6589	138.8921	0.0154	9.0167	72.5260
1962.5000	-22.1531	59.7746	138.8873	0.0261	9.0133	75.8074
1962.7500	-22.2276	59.7667	138.8747	0.0295	9.0181	77.7767
1963.0000	-22.2439	59.8684	138.8757	0.0283	9.0303	79.5496
1963.2500	-22.1933	59.4554	138.8914	0.0301	9.0527	80.6599
1963.5000	-22.1265	59.3955	138.9073	0.0380	9.0849	80.7255
1963.7500	-22.0672	59.7329	138.9198	0.0482	9.1209	81.2142
1964.0000	-21.9871	59.5140	138.9353	0.0550	9.1600	83.5472
1964.2500	-21.9018	59.7760	138.9522	0.0572	9.2131	87.6199
1964.5000	-21.8988	59.2165	138.9633	0.0548	9.2896	92.0904
1964.7500	-22.0127	59.5495	138.9710	0.0460	9.3791	95.0704
1965.0000	-22.1510	59.7361	138.9857	0.0330	9.4552	95.7677
1965.2500	-22.2116	59.5404	139.0057	0.0245	9.4966	95.3264
1965.5000	-22.2122	59.5218	139.0169	0.0260	9.4965	94.9199
1965.7500	-22.2201	59.8224	139.0119	0.0304	9.4646	94.3427
1966.0000	-22.2247	59.5354	139.0012	0.0276	9.4222	93.5636
1966.2500	-22.1820	60.2523	139.0013	0.0176	9.3844	93.6539
1966.5000	-22.1164	59.5465	139.0152	0.0104	9.3497	95.2227
1966.7500	-22.0857	59.4786	139.0318	0.0122	9.3159	97.0344
1967.0000	-22.0866	60.1955	139.0409	0.0184	9.2955	96.7994
1967.2500	-22.0748	59.4215	139.0408	0.0214	9.2995	93.8022
1967.5000	-22.0553	59.6650	139.0376	0.0199	9.3215	89.8667
1967.7500	-22.0724	59.5450	139.0364	0.0167	9.3529	87.2307
1968.0000	-22.1223	59.6590	139.0380	0.0159	9.3895	86.5683
1968.2500	-22.1532	59.4586	139.0442	0.0206	9.4103	86.9057
1968.5000	-22.1545	59.5804	139.0551	0.0285	9.3863	87.3037
1968.7500	-22.1625	59.4262	139.0653	0.0370	9.3229	88.0512
1969.0000	-22.1851	59.7129	139.0728	0.0448	9.2693	89.5717

1969.2500	-22.2074	59.4555	139.0821	0.0468	9.2671	91.4555
1969.5000	-22.2334	59.6390	139.0947	0.0412	9.3115	92.8174
1969.7500	-22.2500	59.6065	139.1103	0.0362	9.3717	93.0956
1970.0000	-22.2084	59.4601	139.1275	0.0362	9.4273	92.7801
1970.2500	-22.1080	59.4586	139.1377	0.0360	9.4645	92.5565
1970.5000	-22.0207	59.4355	139.1375	0.0324	9.4701	92.0808
1970.7500	-21.9917	59.6990	139.1376	0.0281	9.4546	91.0500
1971.0000	-21.9942	59.5509	139.1451	0.0263	9.4497	90.1673
1971.2500	-22.0006	59.6405	139.1541	0.0292	9.4700	90.0221
1971.5000	-22.0307	59.6976	139.1596	0.0350	9.5015	90.2401
1971.7500	-22.0997	59.4631	139.1665	0.0400	9.5258	90.1138
1972.0000	-22.1698	59.4340	139.1801	0.0435	9.5325	89.3370
1972.2500	-22.2009	59.7635	139.1961	0.0467	9.5182	88.0993
1972.5000	-22.2104	59.6928	139.2076	0.0485	9.4846	86.6114
1972.7500	-22.2252	59.5665	139.2177	0.0442	9.4276	84.7024
1973.0000	-22.2126	59.8792	139.2321	0.0315	9.3345	82.3632
1973.2500	-22.1352	59.7052	139.2475	0.0182	9.2123	79.9657
1973.5000	-22.0328	59.4987	139.2567	0.0115	9.1035	77.7500
1973.7500	-21.9727	59.3708	139.2549	0.0060	9.0472	75.7174
1974.0000	-21.9523	59.4940	139.2431	-0.0040	9.0398	73.1926
1974.2500	-21.9422	59.9793	139.2324	-0.0114	9.0537	68.8197
1974.5000	-21.9692	59.5032	139.2305	-0.0084	9.0737	62.5187
1974.7500	-22.0555	59.7099	139.2296	0.0039	9.0994	56.2820
1975.0000	-22.1490	59.9023	139.2241	0.0188	9.1230	51.6886
1975.2500	-22.1947	59.3723	139.2246	0.0271	9.1247	48.5477
1975.5000	-22.2109	59.3507	139.2399	0.0241	9.0965	46.5115
1975.7500	-22.2350	59.6606	139.2627	0.0165	9.0549	45.7558
1976.0000	-22.2507	59.6112	139.2808	0.0137	9.0242	45.8200
1976.2500	-22.2339	59.7683	139.2866	0.0175	9.0159	45.4865
1976.5000	-22.2055	59.4462	139.2787	0.0263	9.0228	44.3182
1976.7500	-22.1783	59.6713	139.2626	0.0383	9.0319	43.1046
1977.0000	-22.1170	59.5018	139.2514	0.0490	9.0429	42.6341
1977.2500	-22.0155	59.4339	139.2597	0.0549	9.0602	43.0509
1977.5000	-21.9371	59.5772	139.2926	0.0583	9.0745	44.0786
1977.7500	-21.9250	59.3661	139.3394	0.0632	9.0738	45.2240
1978.0000	-21.9441	59.5310	139.3788	0.0673	9.0597	46.1928
1978.2500	-21.9682	59.9656	139.3963	0.0609	9.0418	47.5017
1978.5000	-22.0439	59.6065	139.3952	0.0378	9.0280	49.7959
1978.7500	-22.1894	59.2967	139.3890	0.0035	9.0216	52.2927
1979.0000	-22.3112	59.6081	139.3860	-0.0268	9.0184	53.5444
1979.2500	-22.3087	59.9115	139.3815	-0.0399	9.0093	53.8013
1979.5000	-22.2038	59.3984	139.3683	-0.0340	8.9893	54.6164
1979.7500	-22.0933	59.5697	139.3465	-0.0187	8.9638	56.2952
1980.0000	-22.0186	59.8794	139.3252	-0.0064	8.9415	57.8055
1980.2500	-21.9639	59.9504	139.3165	0.0014	8.9243	58.5832
1980.5000	-21.9385	59.2304	139.3272	0.0137	8.9101	58.9104
1980.7500	-21.9695	59.8947	139.3515	0.0348	8.9034	59.4215
1981.0000	-22.0316	59.7607	139.3731	0.0563	8.9106	60.7354
1981.2500	-22.0734	59.4232	139.3843	0.0659	8.9316	62.8616
1981.5000	-22.1024	59.4879	139.3957	0.0584	8.9619	64.7855
1981.7500	-22.1606	59.5233	139.4160	0.0405	8.9952	65.6392
1982.0000	-22.2323	59.4539	139.4377	0.0260	9.0252	66.1312
1982.2500	-22.2619	59.5447	139.4482	0.0215	9.0466	67.7119
1982.5000	-22.2496	59.6374	139.4440	0.0218	9.0543	71.0256
1982.7500	-22.2316	59.5310	139.4325	0.0207	9.0522	75.4243
1983.0000	-22.1957	59.7281	139.4250	0.0199	9.0540	79.6534
1983.2500	-22.1199	59.4710	139.4272	0.0231	9.0664	83.0177

1983.5000	-22.0385	59.7052	139.4394	0.0273	9.0856	85.2352
1983.7500	-21.9930	59.5233	139.4575	0.0296	9.1021	85.3255
1984.0000	-21.9747	59.4124	139.4775	0.0337	9.1056	82.4682
1984.2500	-21.9674	59.6637	139.4944	0.0413	9.0958	77.7012
1984.5000	-21.9870	59.4323	139.4986	0.0459	9.0843	73.0195
1984.7500	-22.0371	59.5789	139.4918	0.0431	9.0823	69.5272
1985.0000	-22.0768	59.5942	139.4924	0.0349	9.0889	67.2908
1985.2500	-22.0866	59.4076	139.5098	0.0257	9.0941	66.2238
1985.5000	-22.1148	59.2844	139.5311	0.0231	9.0934	65.9957
1985.7500	-22.1866	59.3199	139.5436	0.0284	9.0916	65.5463
1986.0000	-22.2361	59.6651	139.5473	0.0311	9.0901	64.3130
1986.2500	-22.2002	59.5573	139.5458	0.0242	9.0878	63.4227
1986.5000	-22.1186	59.8052	139.5448	0.0158	9.0918	64.2577
1986.7500	-22.0567	59.8761	139.5487	0.0131	9.1078	66.5816
1987.0000	-21.9972	59.7730	139.5545	0.0125	9.1272	69.1660
1987.2500	-21.9106	59.5122	139.5581	0.0109	9.1427	71.4243
1987.5000	-21.8477	59.6018	139.5627	0.0108	9.1560	73.7860
1987.7500	-21.8667	59.4832	139.5698	0.0141	9.1628	76.9814
1988.0000	-21.9355	59.7760	139.5722	0.0223	9.1571	81.1089
1988.2500	-21.9906	59.6927	139.5677	0.0363	9.1533	84.9857
1988.5000	-22.0339	59.4262	139.5664	0.0506	9.1829	86.8397
1988.7500	-22.0828	59.8177	139.5769	0.0583	9.2677	86.1603
1989.0000	-22.1026	59.8549	139.5991	0.0610	9.3943	84.4413
1989.2500	-22.0737	59.5755	139.6307	0.0618	9.5197	83.4966
1989.5000	-22.0435	59.7683	139.6638	0.0574	9.6104	83.3109
1989.7500	-22.0457	59.6112	139.6863	0.0454	9.6695	82.6262
1990.0000	-22.0442	59.3584	139.6941	0.0270	9.7134	81.0079
1990.2500	-22.0085	59.9348	139.6913	0.0031	9.7372	79.1150
1990.5000	-21.9792	59.6834	139.6811	-0.0191	9.7263	77.7048
1990.7500	-21.9932	59.8471	139.6676	-0.0288	9.6874	77.0329
1991.0000	-22.0124	59.3214	139.6531	-0.0256	9.6386	76.9726
1991.2500	-22.0060	59.5172	139.6368	-0.0155	9.5914	77.1979
1991.5000	-22.0127	59.7758	139.6255	-0.0016	9.5587	77.3739
1991.7500	-22.0626	59.8426	139.6287	0.0131	9.5494	77.5438
1992.0000	-22.1130	59.3753	139.6429	0.0282	9.5530	77.8135
1992.2500	-22.1127	59.4955	139.6603	0.0483	9.5441	77.6775
1992.5000	-22.0788	59.4646	139.6779	0.0697	9.4955	76.5683
1992.7500	-22.0559	59.6695	139.6937	0.0797	9.3984	75.2327
1993.0000	-22.0375	59.6927	139.7094	0.0750	9.2785	75.5610
1993.2500	-21.9889	59.6960	139.7334	0.0646	9.1839	78.6510
1993.5000	-21.9265	59.8286	139.7650	0.0573	9.1484	83.6025
1993.7500	-21.9002	59.4632	139.7881	0.0533	9.1708	88.1185
1994.0000	-21.9053	59.5555	139.7929	0.0456	9.2291	90.2286
1994.2500	-21.8976	59.5942	139.7896	0.0280	9.3050	89.6381
1994.5000	-21.8893	59.9886	139.7925	0.0066	9.3835	87.6547
1994.7500	-21.9333	59.3291	139.8003	-0.0038	9.4405	86.1633
1995.0000	-22.0077	60.2893	139.8006	0.0016	9.4509	86.1655
1995.2500	-22.0359	59.5078	139.7894	0.0141	9.4112	87.0658
1995.5000	-22.0111	59.3892	139.7782	0.0248	9.3529	87.7292
1995.7500	-21.9779	59.2675	139.7805	0.0327	9.3297	87.8421
1996.0000	-21.9436	59.4478	139.7961	0.0405	9.3822	87.7440
1996.2500	-21.9067	59.6112	139.8178	0.0490	9.5046	87.3153
1996.5000	-21.9040	59.5155	139.8421	0.0553	9.6358	86.2758
1996.7500	-21.9564	59.5048	139.8657	0.0565	9.6986	85.3446
1997.0000	-22.0210	59.4600	139.8816	0.0524	9.6695	85.7265
1997.2500	-22.0504	59.5094	139.8874	0.0423	9.5894	87.2386
1997.5000	-22.0590	59.4370	139.8888	0.0270	9.5174	88.1082

1997.7500	-22.0787	59.4308	139.8934	0.0122	9.5037	87.4419
1998.0000	-22.0986	59.5541	139.9009	0.0047	9.5599	86.4576
1998.2500	-22.1037	59.6235	139.9025	0.0066	9.6230	86.5301
1998.5000	-22.1122	59.3923	139.8961	0.0152	9.6041	87.4141
1998.7500	-22.1293	59.5850	139.8900	0.0249	9.4959	87.8599
1999.0000	-22.1185	59.6974	139.8909	0.0317	9.3819	87.2450
1999.2500	-22.0639	59.7960	139.9006	0.0348	9.3354	86.5084
1999.5000	-22.0140	59.5542	139.9191	0.0338	9.3622	87.2010
1999.7500	-22.0116	59.6621	139.9433	0.0292	9.4330	89.1207
2000.0000	-22.0303	59.3583	139.9643	0.0237	9.5221	90.3231
2000.2500	-22.0327	59.5296	139.9720	0.0197	9.6136	90.4420
2000.5000	-22.0456	59.6452	139.9637	0.0181	9.6990	91.3462
2000.7500	-22.1030	59.7207	139.9484	0.0175	9.7811	93.5369
2001.0000	-22.1630	59.7393	139.9384	0.0160	9.8561	95.3301
2001.2500	-22.1745	59.4660	139.9401	0.0160	9.8816	95.7444
2001.5000	-22.1632	59.9890	139.9552	0.0220	9.8140	95.3391
2001.7500	-22.1613	59.2180	139.9782	0.0322	9.6711	94.7428
2002.0000	-22.1322	59.3723	139.9963	0.0420	9.5086	93.6019
2002.2500	-22.0487	59.3537	140.0041	0.0490	9.3676	91.0770
2002.5000	-21.9610	59.7899	140.0078	0.0507	9.2743	87.1239
2002.7500	-21.9168	59.6343	140.0129	0.0475	9.2449	82.0729
2003.0000	-21.8878	59.3230	140.0224	0.0445	9.2653	76.0154
2003.2500	-21.8515	59.4724	140.0381	0.0425	9.2927	69.9419
2003.5000	-21.8639	59.5124	140.0566	0.0366	9.2984	65.3606
2003.7500	-21.9618	59.2797	140.0732	0.0272	9.2943	62.9828
2004.0000	-22.0787	59.5419	140.0853	0.0193	9.2936	63.3607
2004.2500	-22.1383	59.6418	140.0890	0.0145	9.2737	66.2991
2004.5000	-22.1559	59.3398	140.0811	0.0104	9.2123	69.7041
2004.7500	-22.1687	59.2891	140.0674	0.0052	9.1316	71.8781
2005.0000	-22.1411	59.8918	140.0610	0.0012	9.0755	73.4647
2005.2500	-22.0361	59.8097	140.0672	0.0010	9.0633	75.1684
2005.5000	-21.9111	59.5186	140.0775	0.0034	9.0836	75.9067
2005.7500	-21.8502	59.4540	140.0837	0.0041	9.1267	74.4012
2006.0000	-21.8486	59.5989	140.0876	-0.0002	9.2027	70.9191
2006.2500	-21.8564	59.9562	140.0910	-0.0109	9.3157	67.2855
2006.5000	-21.8821	59.2920	140.0879	-0.0241	9.4280	65.3467
2006.7500	-21.9496	59.3816	140.0756	-0.0320	9.4993	65.7757
2007.0000	-22.0183	59.6976	140.0605	-0.0308	9.5586	68.3130
2007.2500	-22.0476	59.6065	140.0454	-0.0203	9.6563	71.7266
2007.5000	-22.0773	59.6467	140.0293	-0.0011	9.7452	74.5601
2007.7500	-22.1508	59.2890	140.0198	0.0200	9.7126	76.5667
2008.0000	-22.2204	59.8838	140.0261	0.0335	9.5368	78.2294
2008.2500	-22.2159	59.6803	140.0503	0.0390	9.3180	79.7264
2008.5000	-22.1544	59.2874	140.0857	0.0414	9.1550	81.4162
2008.7500	-22.0938	59.5310	140.1155	0.0436	9.0727	83.7462
2009.0000	-22.0341	59.6140	140.1275	0.0449	9.0541	85.7116
2009.2500	-21.9589	59.5433	140.1234	0.0407	9.0776	85.6508
2009.5000	-21.9043	59.7069	140.1121	0.0283	9.1162	83.7710
2009.7500	-21.9068	60.0291	140.1069	0.0138	9.1358	81.9521
2010.0000	-21.9446	59.4307	140.1158	0.0023	9.1182	81.5152
2010.2500	-21.9850	59.3430	140.1316	-0.0041	9.0792	82.2758
2010.5000	-22.0459	59.3152	140.1422	-0.0023	9.0489	83.0674
2010.7500	-22.1467	59.5649	140.1431	0.0030	9.0392	82.6350
2011.0000	-22.2413	59.5049	140.1321	0.0001	9.0404	80.6476
2011.2500	-22.2714	59.4722	140.1151	-0.0105	9.0431	78.0860
2011.5000	-22.2521	59.3815	140.1075	-0.0154	9.0485	76.3671
2011.7500	-22.2240	59.7898	140.1129	-0.0086	9.0584	75.8464

2012.0000	-22.1655	59.5681	140.1161	0.0051	9.0703	76.0051
2012.2500	-22.0495	59.8857	140.1106	0.0209	9.0816	77.0852
2012.5000	-21.9355	59.4385	140.1115	0.0314	9.0884	79.2936
2012.7500	-21.9053	59.4278	140.1259	0.0304	9.0896	81.0055
2013.0000	-21.9424	59.6698	140.1424	0.0254	9.0914	80.3201
2013.2500	-21.9779	59.6127	140.1570	0.0248	9.0985	77.2351
2013.5000	-22.0090	59.7607	140.1704	0.0224	9.1084	73.1609
2013.7500	-22.0662	59.6881	140.1738	0.0159	9.1141	69.6364
2014.0000	-22.1270	59.7267	140.1669	0.0145	9.1093	67.3180
2014.2500	-22.1589	59.7436	140.1602	0.0161	9.0971	65.9029
2014.5000	-22.1876	59.5171	140.1564	0.0115	9.0899	65.1552
2014.7500	-22.2390	59.5403	140.1577	0.0049	9.0949	65.4387
2015.0000	-22.2676	59.5726	140.1713	0.0039	9.1095	67.0412
2015.2500	-22.2159	59.4940	140.1892	0.0086	9.1309	69.2633
2015.5000	-22.1073	59.4787	140.1933	0.0194	9.1610	70.9198
2015.7500	-22.0072	59.6695	140.1837	0.0316	9.1990	71.6963
2016.0000	-21.9327	59.5556	140.1747	0.0340	9.2326	72.4507
2016.2500	-21.8815	59.4154	140.1774	0.0282	9.2480	74.4326
2016.5000	-21.8835	59.8287	140.1952	0.0269	9.2525	77.9716
2016.7500	-21.9489	59.6604	140.2210	0.0300	9.2546	81.9096
2017.0000	-22.0231	59.4986	140.2392	0.0272	9.2392	85.0383
2017.2500	-22.0638	59.5111	140.2457	0.0156	9.2018	87.3178
2017.5000	-22.1089	59.4617	140.2471	0.0007	9.1675	88.8643
2017.7500	-22.1881	59.5016	140.2436	-0.0137	9.1528	89.2246
2018.0000	-22.2394	59.3723	140.2292	-0.0287	9.1508	88.7748
2018.2500	-22.1895	59.5450	140.2086	-0.0422	9.1515	88.9734
2018.5000	-22.0667	59.5032	140.1967	-0.0463	9.1522	90.3265
2018.7500	-21.9603	59.7252	140.1935	-0.0346	9.1538	92.3130
2019.0000	-21.9059	59.6001	140.1818	-0.0083	9.1587	94.8889
2019.2500	-21.8875	59.2026	140.1613	0.0233	9.1676	97.7268
2019.5000	-21.9086	59.6743	140.1544	0.0465	9.1764	99.3625
2019.7500	-21.9649	59.5186	140.1744	0.0564	9.1763	98.8679
2020.0000	-22.0054	59.3985	140.2127	0.0625	9.1631	96.9468
2020.2500	-22.0073	59.3076	140.2553	0.0683	9.1424	94.9135
2020.5000	-22.0160	59.8022	140.2896	0.0645	9.1240	94.1649
2020.7500	-22.0520	59.4909	140.3064	0.0469	9.1129	95.6170
2021.0000	-22.0616	59.3044	140.3068	0.0251	9.1083	98.4746
2021.2500	-22.0174	59.3923	140.2978	0.0101	9.1075	100.7887
2021.5000	-21.9836	59.7207	140.2834	0.0041	9.1100	101.6554
2021.7500	-22.0057	59.5356	140.2682	0.0035	9.1178	101.7100
2022.0000	-22.0334	59.3291	140.2629	0.0038	9.1325	101.1537
2022.2500	-22.0132	59.5957	140.2755	0.0043	9.1517	99.3204
2022.5000	-21.9736	59.6019	140.2978	0.0103	9.1704	96.5299
2022.7500	-21.9629	59.3352	140.3134	0.0229	9.1820	94.0567
2023.0000	-21.9660	59.3106	140.3143	0.0332	9.1813	92.2238
2023.2500	-21.9492	59.8317	140.3063	0.0334	9.1707	89.9300
2023.5000	-21.9358	59.6898	140.3039	0.0245	9.1649	86.1357
2023.7500	-21.9691	59.6219	140.3139	0.0140	9.1796	81.3327
2024.0000	-22.0307	59.6329	140.3294	0.0110	9.2122	77.0361
2024.2500	-22.0675	59.4277	140.3422	0.0172	9.2433	74.0239
2024.5000	-22.0738	59.5017	140.3468	0.0214	9.2552	71.8807
2024.7500	-22.0696	59.4109	140.3414	0.0169	9.2451	70.3708
2025.0000	-22.0389	59.3892	140.3363	0.0103	9.2274	69.7548
2025.2500	-21.9759	59.9301	140.3407	0.0057	9.2204	69.5311
2025.5000	-21.9381	59.3122	140.3466	0.0031	9.2298	69.0973
2025.7500	-21.9686	59.5588	140.3476	0.0025	9.2449	68.8054
2026.0000	-22.0300	59.6204	140.3500	-0.0013	9.2485	68.6349

2026.2500	-22.0737	59.6282	140.3537	-0.0089	9.2372	67.7279
2026.5000	-22.1127	59.4185	140.3530	-0.0096	9.2249	65.9974
2026.7500	-22.1667	59.7559	140.3465	-0.0013	9.2225	64.6224
2027.0000	-22.2002	59.9038	140.3338	0.0052	9.2250	64.6696
2027.2500	-22.1812	59.3121	140.3229	0.0058	9.2297	65.6727
2027.5000	-22.1332	59.3692	140.3274	0.0035	9.2539	66.2841
2027.7500	-22.0884	59.4570	140.3450	0.0011	9.3186	66.3126
2028.0000	-22.0454	59.5403	140.3605	0.0033	9.4190	66.5835
2028.2500	-22.0013	59.5757	140.3653	0.0114	9.5236	67.1795
2028.5000	-21.9813	59.4015	140.3600	0.0176	9.5982	67.0830
2028.7500	-22.0006	59.8283	140.3487	0.0165	9.6105	65.4964
2029.0000	-22.0267	59.6867	140.3404	0.0148	9.5355	63.2872
2029.2500	-22.0258	59.5880	140.3457	0.0204	9.3948	62.1664
2029.5000	-22.0232	59.8595	140.3625	0.0330	9.2570	62.6095
2029.7500	-22.0503	59.8533	140.3780	0.0444	9.1715	64.0473
2030.0000	-22.0706	59.3630	140.3901	0.0421	9.1420	66.0634
2030.2500	-22.0412	59.4355	140.4062	0.0187	9.1550	68.3876
2030.5000	-21.9968	59.7035	140.4259	-0.0106	9.1978	70.8788
2030.7500	-21.9887	59.7789	140.4376	-0.0213	9.2511	73.6919
2031.0000	-21.9829	59.1980	140.4246	-0.0124	9.2842	76.3794
2031.2500	-21.9201	59.3724	140.3832	-0.0017	9.2752	77.4491
2031.5000	-21.8357	59.6019	140.3413	0.0010	9.2357	76.0602
2031.7500	-21.7987	59.7700	140.3353	0.0016	9.1949	73.4127
2032.0000	-21.8014	59.4278	140.3654	0.0124	9.1711	71.6240
2032.2500	-21.8198	59.4294	140.4027	0.0370	9.1669	71.7682
2032.5000	-21.8957	59.5064	140.4278	0.0600	9.1763	73.0319
2032.7500	-22.0487	60.3278	140.4409	0.0599	9.1921	73.7887
2033.0000	-22.1976	59.4031	140.4494	0.0392	9.2138	73.6283
2033.2500	-22.2585	59.5078	140.4572	0.0214	9.2466	73.4714
2033.5000	-22.2508	59.8995	140.4612	0.0200	9.2815	74.0284
2033.7500	-22.2302	59.5372	140.4550	0.0271	9.2912	75.2452
2034.0000	-22.1871	59.6143	140.4437	0.0324	9.2644	76.7299
2034.2500	-22.0966	59.4430	140.4455	0.0356	9.2244	78.3193
2034.5000	-22.0010	59.6667	140.4678	0.0405	9.1940	79.9106
2034.7500	-21.9561	59.2428	140.4951	0.0477	9.1717	81.1185
2035.0000	-21.9457	59.6714	140.5142	0.0514	9.1492	82.0016
2035.2500	-21.9346	59.5696	140.5284	0.0438	9.1251	82.8058
2035.5000	-21.9482	59.5541	140.5423	0.0259	9.1051	83.0486
2035.7500	-22.0112	59.3831	140.5504	0.0078	9.0952	82.6355
2036.0000	-22.0872	59.5479	140.5465	-0.0056	9.0926	82.7020
2036.2500	-22.1341	59.7268	140.5332	-0.0165	9.0918	84.2515
2036.5000	-22.1595	59.4756	140.5196	-0.0246	9.0938	87.1378
2036.7500	-22.1897	59.8885	140.5107	-0.0274	9.0992	90.4672
2037.0000	-22.2207	59.4616	140.5031	-0.0259	9.1045	93.2139
2037.2500	-22.2295	59.2906	140.4953	-0.0221	9.1091	94.6488
2037.5000	-22.2167	59.2921	140.4931	-0.0166	9.1163	94.3239
2037.7500	-22.1885	59.7376	140.4956	-0.0077	9.1258	91.5408
2038.0000	-22.1225	59.5727	140.4946	0.0061	9.1306	86.3756
2038.2500	-22.0232	59.3353	140.4890	0.0212	9.1258	81.3540
2038.5000	-21.9600	59.6528	140.4864	0.0318	9.1163	79.3358
2038.7500	-21.9774	59.7851	140.4953	0.0389	9.1090	80.0779
2039.0000	-22.0257	59.2750	140.5154	0.0462	9.1039	81.0364
2039.2500	-22.0491	59.4307	140.5377	0.0530	9.0966	80.1303
2039.5000	-22.0788	59.7345	140.5567	0.0533	9.0870	76.8752
2039.7500	-22.1575	59.5726	140.5733	0.0413	9.0816	72.9647
2040.0000	-22.2436	59.4417	140.5871	0.0191	9.0839	71.2440
2040.2500	-22.2719	59.4108	140.5949	-0.0016	9.0865	72.3847

2040.5000	-22.2534	59.9874	140.5930	-0.0124	9.0832	74.2028
2040.7500	-22.2307	59.3214	140.5779	-0.0142	9.0785	75.1202
2041.0000	-22.1885	59.8468	140.5536	-0.0111	9.0777	76.0152
2041.2500	-22.1033	59.7558	140.5344	-0.0052	9.0798	78.1552
2041.5000	-22.0239	59.6852	140.5319	0.0029	9.0858	81.1496
2041.7500	-22.0102	59.3876	140.5450	0.0122	9.0966	83.9699
2042.0000	-22.0365	59.5587	140.5648	0.0226	9.1052	86.4490
2042.2500	-22.0514	59.8594	140.5845	0.0324	9.1118	88.2412
2042.5000	-22.0791	59.4028	140.5988	0.0382	9.1271	88.1595
2042.7500	-22.1575	59.2813	140.6023	0.0401	9.1505	85.7677
2043.0000	-22.2436	60.1400	140.5988	0.0387	9.1719	82.2614
2043.2500	-22.2719	59.8255	140.5993	0.0297	9.1937	79.0301
2043.5000	-22.2539	59.3784	140.6084	0.0130	9.2256	76.3059
2043.7500	-22.2339	59.6621	140.6253	-0.0009	9.2639	73.5824
2044.0000	-22.2024	59.2581	140.6423	-0.0035	9.2877	70.8814
2044.2500	-22.1415	59.5371	140.6440	0.0025	9.2802	69.2935
2044.5000	-22.0855	60.1585	140.6248	0.0098	9.2520	69.4584
2044.7500	-22.0583	59.8162	140.6005	0.0105	9.2229	70.3026
2045.0000	-22.0247	59.4955	140.5919	0.0028	9.1905	70.5537
2045.2500	-21.9674	59.2380	140.6043	-0.0038	9.1430	70.3301
2045.5000	-21.9369	59.2535	140.6279	-0.0005	9.0879	70.6116
2045.7500	-21.9718	59.4153	140.6463	0.0076	9.0448	71.7456
2046.0000	-22.0298	59.4818	140.6479	0.0070	9.0214	73.1749
2046.2500	-22.0650	59.3923	140.6364	-0.0053	9.0134	74.5751
2046.5000	-22.1082	59.9377	140.6238	-0.0169	9.0181	76.0740
2046.7500	-22.1853	59.6852	140.6157	-0.0138	9.0297	77.6610
2047.0000	-22.2359	59.2859	140.6060	0.0047	9.0360	79.2945
2047.2500	-22.2001	59.9826	140.5937	0.0276	9.0319	80.9218
2047.5000	-22.1186	59.5973	140.5940	0.0454	9.0237	82.5072
2047.7500	-22.0568	59.4555	140.6187	0.0564	9.0182	84.2264
2048.0000	-21.9985	59.4679	140.6572	0.0634	9.0160	86.0998
2048.2500	-21.9173	59.5079	140.6915	0.0667	9.0143	88.3556
2048.5000	-21.8707	59.7438	140.7146	0.0610	9.0083	91.8518
2048.7500	-21.9207	59.5496	140.7284	0.0422	8.9911	96.1063
2049.0000	-22.0256	59.4956	140.7327	0.0164	8.9598	98.5367
2049.2500	-22.1053	59.6081	140.7271	-0.0023	8.9242	97.7615
2049.5000	-22.1644	59.7698	140.7161	-0.0071	8.9002	95.5494
2049.7500	-22.2449	59.5404	140.7031	-0.0034	8.8943	94.4047
2050.0000	-22.3076	59.5279	140.6901	0.0006	8.8998	94.9119
2050.2500	-22.2746	59.7545	140.6868	-0.0001	8.9038	95.9250
2050.5000	-22.1656	59.4323	140.7003	-0.0059	8.8989	96.2663
2050.7500	-22.0735	59.2119	140.7216	-0.0080	8.8895	95.8522
2051.0000	-22.0259	59.8499	140.7340	0.0018	8.8826	95.6983
2051.2500	-21.9873	59.6774	140.7268	0.0150	8.8797	96.9877
2051.5000	-21.9553	59.4247	140.7043	0.0169	8.8789	100.2625
2051.7500	-21.9542	59.7038	140.6871	0.0062	8.8804	105.0011
2052.0000	-21.9763	59.9315	140.6937	-0.0069	8.8874	109.4571
2052.2500	-22.0046	59.7530	140.7168	-0.0137	8.9074	112.1011
2052.5000	-22.0411	59.2921	140.7342	-0.0137	8.9476	113.0998
2052.7500	-22.0756	59.7250	140.7340	-0.0123	9.0037	113.0933
2053.0000	-22.0785	59.4400	140.7202	-0.0155	9.0621	111.9258
2053.2500	-22.0535	59.4447	140.6995	-0.0221	9.1145	109.5678
2053.5000	-22.0512	59.3816	140.6769	-0.0211	9.1596	106.8076
2053.7500	-22.0942	59.6679	140.6626	-0.0058	9.2002	104.5723
2054.0000	-22.1315	59.5927	140.6627	0.0142	9.2467	103.1627
2054.2500	-22.1132	59.4941	140.6725	0.0245	9.3078	102.0607
2054.5000	-22.0728	59.3692	140.6920	0.0227	9.3723	100.4747

2054.7500	-22.0632	59.7006	140.7225	0.0188	9.4130	98.6596
2055.0000	-22.0662	59.4416	140.7486	0.0235	9.4131	98.3051
2055.2500	-22.0472	59.3568	140.7485	0.0342	9.3779	100.6813
2055.5000	-22.0297	59.4926	140.7224	0.0376	9.3242	105.3721
2055.7500	-22.0484	59.8499	140.7002	0.0300	9.2666	111.3999
2056.0000	-22.0848	59.7759	140.7097	0.0236	9.2110	117.7940
2056.2500	-22.1017	59.5235	140.7410	0.0318	9.1596	123.3007
2056.5000	-22.1024	59.8330	140.7672	0.0542	9.1229	127.6016
2056.7500	-22.1006	59.8483	140.7826	0.0716	9.1117	131.7850
2057.0000	-22.0794	59.3106	140.7958	0.0659	9.1194	136.7039
2057.2500	-22.0320	59.5573	140.8122	0.0455	9.1256	142.1281
2057.5000	-21.9978	59.5017	140.8307	0.0326	9.1186	147.8719
2057.7500	-22.0073	59.4802	140.8434	0.0318	9.1075	155.0045
2058.0000	-22.0342	59.1980	140.8416	0.0310	9.1075	164.5324
2058.2500	-22.0468	59.7189	140.8319	0.0220	9.1187	175.1991
2058.5000	-22.0674	59.7731	140.8323	0.0090	9.1261	184.9817
2058.7500	-22.1122	59.6420	140.8461	0.0041	9.1220	193.5050
2059.0000	-22.1321	59.6819	140.8579	0.0142	9.1182	201.1496
2059.2500	-22.0970	59.4061	140.8563	0.0296	9.1309	207.8482
2059.5000	-22.0546	59.8594	140.8487	0.0328	9.1566	213.3564
2059.7500	-22.0432	59.2797	140.8516	0.0195	9.1773	217.4323
2060.0000	-22.0284	59.4941	140.8701	0.0030	9.1820	220.2096
2060.2500	-21.9868	59.6928	140.8912	-0.0037	9.1745	222.1850
2060.5000	-21.9674	59.3922	140.8978	-0.0008	9.1668	222.8902
2060.7500	-22.0004	59.3708	140.8852	0.0029	9.1719	221.3439
2061.0000	-22.0326	59.7515	140.8639	-0.0001	9.1991	217.8279
2061.2500	-22.0155	59.6929	140.8488	-0.0078	9.2506	213.6337
2061.5000	-21.9856	59.5077	140.8472	-0.0098	9.3141	210.5608
2061.7500	-22.0022	59.3754	140.8574	-0.0003	9.3639	209.5305
2062.0000	-22.0518	59.5527	140.8699	0.0136	9.3905	207.8857
2062.2500	-22.0783	59.7544	140.8756	0.0223	9.4168	202.1343
2062.5000	-22.0757	59.6294	140.8782	0.0224	9.4732	194.0531
2062.7500	-22.0845	59.5572	140.8845	0.0141	9.5856	188.7878
2063.0000	-22.1043	59.7207	140.8911	0.0028	9.7704	187.7974
2063.2500	-22.0941	59.5416	140.8934	-0.0020	9.9918	188.6586
2063.5000	-22.0564	59.4493	140.8920	0.0015	10.1569	189.7271
2063.7500	-22.0249	59.7142	140.8856	0.0072	10.2035	191.3930
2064.0000	-21.9961	59.5680	140.8754	0.0149	10.1536	194.0088
2064.2500	-21.9692	59.4478	140.8716	0.0281	10.0421	196.4820
2064.5000	-21.9962	59.1888	140.8812	0.0428	9.8747	198.0051
2064.7500	-22.0997	59.5310	140.8990	0.0514	9.6920	199.3951
2065.0000	-22.2044	59.6312	140.9209	0.0526	9.5653	201.3329
2065.2500	-22.2334	59.6127	140.9496	0.0509	9.5094	204.0283
2065.5000	-22.2135	59.4278	140.9777	0.0491	9.4854	208.3085
2065.7500	-22.2052	59.8097	140.9884	0.0456	9.4660	214.3463
2066.0000	-22.1937	59.4463	140.9806	0.0362	9.4535	220.9446
2066.2500	-22.1449	59.4632	140.9735	0.0185	9.4580	227.8389
2066.5000	-22.0879	59.6868	140.9795	-0.0018	9.4660	237.2841
2066.7500	-22.0588	59.5495	140.9901	-0.0107	9.4418	251.9247
2067.0000	-22.0298	59.3568	140.9932	-0.0033	9.3682	271.0074
2067.2500	-21.9784	59.6991	140.9866	0.0071	9.2683	289.3570
2067.5000	-21.9598	59.6806	140.9740	0.0101	9.1770	300.2365
2067.7500	-22.0209	59.3815	140.9669	0.0118	9.1064	299.5135
2068.0000	-22.1118	59.6453	140.9741	0.0180	9.0540	287.8141
2068.2500	-22.1568	59.8530	140.9876	0.0257	9.0231	268.3967
2068.5000	-22.1580	59.9640	140.9997	0.0321	9.0129	243.8195
2068.7500	-22.1651	59.2428	141.0137	0.0350	9.0138	216.0799

2069.0000	-22.1843	59.8807	141.0292	0.0315	9.0212	188.5171
2069.2500	-22.1848	59.9177	141.0379	0.0222	9.0403	165.4612
2069.5000	-22.1610	59.5527	141.0381	0.0108	9.0738	149.6639
2069.7500	-22.1303	59.4725	141.0370	0.0005	9.1103	140.4162
2070.0000	-22.0891	59.8884	141.0370	-0.0036	9.1304	134.8131
2070.2500	-22.0322	59.8748	141.0321	0.0045	9.1220	131.0839
2070.5000	-21.9894	59.3770	141.0213	0.0198	9.0867	129.8950
2070.7500	-21.9844	59.4124	141.0146	0.0280	9.0439	131.9117
2071.0000	-21.9993	59.5664	141.0221	0.0221	9.0207	135.4510
2071.2500	-22.0232	60.1229	141.0469	0.0111	9.0253	138.4737
2071.5000	-22.0833	59.5848	141.0778	0.0080	9.0348	141.8984
2071.7500	-22.1825	59.5773	141.0930	0.0143	9.0191	148.7469
2072.0000	-22.2569	60.2909	141.0812	0.0195	8.9741	160.9547
2072.2500	-22.2549	59.7053	141.0542	0.0131	8.9219	178.5213
2072.5000	-22.2135	59.4186	141.0374	-0.0042	8.8863	200.2522
2072.7500	-22.1832	59.5834	141.0432	-0.0186	8.8767	223.9349
2073.0000	-22.1378	59.9535	141.0611	-0.0179	8.8866	246.5597
2073.2500	-22.0459	59.4741	141.0731	-0.0034	8.9051	265.5105
2073.5000	-21.9515	59.4077	141.0695	0.0137	8.9307	279.4467
2073.7500	-21.9078	59.6697	141.0558	0.0237	8.9636	286.9381
2074.0000	-21.9016	59.3969	141.0455	0.0228	8.9946	285.7734
2074.2500	-21.9079	59.3013	141.0474	0.0154	9.0170	276.8014
2074.5000	-21.9523	59.4355	141.0648	0.0126	9.0294	266.7840
2074.7500	-22.0487	59.5973	141.0907	0.0207	9.0255	263.4066
2075.0000	-22.1413	59.8761	141.1067	0.0356	9.0008	268.6357
2075.2500	-22.1725	59.1842	141.1039	0.0491	8.9691	278.2185
2075.5000	-22.1608	59.6420	141.0947	0.0524	8.9533	284.9345
2075.7500	-22.1530	59.5664	141.0972	0.0420	8.9654	283.1556
2076.0000	-22.1397	59.2798	141.1167	0.0259	9.0023	272.8861
2076.2500	-22.0826	59.4987	141.1455	0.0166	9.0525	259.2570
2076.5000	-21.9996	59.8298	141.1696	0.0173	9.1029	247.7834
2076.7500	-21.9482	59.7049	141.1747	0.0209	9.1462	239.8812
2077.0000	-21.9309	59.8301	141.1584	0.0197	9.1831	233.6581
2077.2500	-21.9096	59.7313	141.1371	0.0100	9.2122	227.6878
2077.5000	-21.8946	59.5833	141.1293	-0.0032	9.2276	221.3321
2077.7500	-21.9263	59.5988	141.1389	-0.0034	9.2257	213.6873
2078.0000	-21.9979	59.6218	141.1561	0.0175	9.2082	204.7289
2078.2500	-22.0731	59.4015	141.1655	0.0433	9.1826	196.0220
2078.5000	-22.1484	59.9011	141.1633	0.0525	9.1601	189.2601
2078.7500	-22.2282	59.5742	141.1679	0.0456	9.1515	185.0134
2079.0000	-22.2720	59.9026	141.1934	0.0389	9.1674	183.3672
2079.2500	-22.2396	59.8483	141.2236	0.0428	9.2121	184.2867
2079.5000	-22.1664	59.5309	141.2342	0.0523	9.2798	186.1522
2079.7500	-22.1116	59.4278	141.2300	0.0540	9.3583	185.2076
2080.0000	-22.0662	59.3783	141.2339	0.0433	9.4270	179.2918
2080.2500	-21.9989	59.5248	141.2512	0.0308	9.4598	170.7390
2080.5000	-21.9362	59.4539	141.2680	0.0256	9.4418	162.6065
2080.7500	-21.9232	59.3352	141.2758	0.0254	9.3825	155.2718
2081.0000	-21.9500	59.5880	141.2800	0.0256	9.3218	148.7698
2081.2500	-21.9861	59.5094	141.2852	0.0266	9.3168	144.3996
2081.5000	-22.0459	59.6957	141.2854	0.0299	9.4032	142.7290
2081.7500	-22.1454	59.6110	141.2809	0.0333	9.5603	143.1030
2082.0000	-22.2349	59.8838	141.2851	0.0351	9.7247	144.6953
2082.2500	-22.2508	59.9659	141.3044	0.0364	9.8444	145.8688
2082.5000	-22.2098	59.5940	141.3278	0.0384	9.9107	144.9719
2082.7500	-22.1730	59.3383	141.3425	0.0394	9.9377	142.6862
2083.0000	-22.1461	59.6312	141.3503	0.0381	9.9313	140.3812

2083.2500	-22.1014	59.5326	141.3580	0.0354	9.8865	137.4992
2083.5000	-22.0584	59.3415	141.3621	0.0328	9.7848	133.3729
2083.7500	-22.0493	59.4925	141.3597	0.0329	9.6127	128.8958
2084.0000	-22.0562	59.5726	141.3613	0.0377	9.4163	125.0788
2084.2500	-22.0609	59.3090	141.3753	0.0438	9.2812	122.3170
2084.5000	-22.0861	59.4894	141.3933	0.0484	9.2364	121.1161
2084.7500	-22.1368	59.6112	141.4084	0.0509	9.2449	121.9978
2085.0000	-22.1722	59.1503	141.4258	0.0484	9.2679	124.3640
2085.2500	-22.1675	59.2151	141.4456	0.0380	9.2853	126.4739
2085.5000	-22.1507	59.6605	141.4590	0.0229	9.2869	127.0076
2085.7500	-22.1449	59.6312	141.4614	0.0106	9.2775	125.7010
2086.0000	-22.1308	59.3182	141.4581	0.0046	9.2784	123.1557
2086.2500	-22.0951	59.4940	141.4512	0.0029	9.3100	120.6867
2086.5000	-22.0644	59.7608	141.4391	0.0041	9.3710	118.8864
2086.7500	-22.0517	59.7481	141.4295	0.0100	9.4284	117.0297
2087.0000	-22.0225	59.7590	141.4349	0.0205	9.4363	114.8761
2087.2500	-21.9631	59.4710	141.4514	0.0324	9.3843	113.4095
2087.5000	-21.9269	59.5788	141.4672	0.0432	9.3131	113.3205
2087.7500	-21.9606	59.6296	141.4815	0.0490	9.2633	113.8729
2088.0000	-22.0328	59.2675	141.4991	0.0442	9.2316	113.8741
2088.2500	-22.0888	59.6958	141.5161	0.0308	9.1994	113.2528
2088.5000	-22.1337	59.4739	141.5256	0.0176	9.1706	113.1551
2088.7500	-22.1969	59.4031	141.5275	0.0107	9.1575	114.5950
2089.0000	-22.2469	59.4616	141.5233	0.0092	9.1602	117.1381
2089.2500	-22.2234	59.4678	141.5130	0.0073	9.1760	119.8208
2089.5000	-22.1408	59.5047	141.5025	-0.0003	9.2069	122.6898
2089.7500	-22.0729	59.3214	141.5028	-0.0088	9.2544	125.5244
2090.0000	-22.0407	59.6389	141.5176	-0.0077	9.3215	126.8335
2090.2500	-22.0209	59.7068	141.5307	0.0042	9.4089	125.9585
2090.5000	-22.0349	59.7298	141.5250	0.0169	9.5079	124.1141
2090.7500	-22.1033	59.7824	141.5100	0.0193	9.6072	122.7704
2091.0000	-22.1698	59.5634	141.5079	0.0094	9.6952	122.8258
2091.2500	-22.1825	59.6621	141.5215	0.0013	9.7550	124.7107
2091.5000	-22.1705	59.3121	141.5363	0.0121	9.7730	128.2674
2091.7500	-22.1762	59.4370	141.5415	0.0377	9.7506	132.6507
2092.0000	-22.1856	59.8930	141.5363	0.0577	9.6928	136.6203
2092.2500	-22.1765	59.9224	141.5332	0.0629	9.6063	139.6971
2092.5000	-22.1726	59.4570	141.5493	0.0604	9.5182	142.7597
2092.7500	-22.1920	59.9548	141.5853	0.0610	9.4598	146.5807
2093.0000	-22.1964	59.4770	141.6233	0.0686	9.4268	150.1669
2093.2500	-22.1476	59.5125	141.6472	0.0753	9.3879	151.4951
2093.5000	-22.0765	59.3600	141.6571	0.0683	9.3237	150.0263
2093.7500	-22.0410	59.6081	141.6635	0.0460	9.2464	147.3533
2094.0000	-22.0430	59.6636	141.6736	0.0210	9.1955	144.3224
2094.2500	-22.0454	59.2705	141.6838	0.0067	9.2131	139.8358
2094.5000	-22.0474	59.3969	141.6859	0.0048	9.3122	134.0966
2094.7500	-22.0793	60.0273	141.6774	0.0056	9.4534	129.1288
2095.0000	-22.1336	59.2566	141.6652	0.0032	9.5731	125.4822
2095.2500	-22.1680	59.3893	141.6607	0.0022	9.6437	122.2683
2095.5000	-22.1794	59.6559	141.6667	0.0080	9.6776	119.2155
2095.7500	-22.2024	59.9516	141.6746	0.0178	9.6867	116.4893
2096.0000	-22.2259	59.1950	141.6799	0.0252	9.6788	114.1307
2096.2500	-22.1983	59.5296	141.6882	0.0279	9.6700	112.5991
2096.5000	-22.1310	59.6189	141.7019	0.0290	9.6744	112.3472
2096.7500	-22.0907	59.9596	141.7130	0.0318	9.6887	112.7469
2097.0000	-22.0889	59.2458	141.7155	0.0338	9.6910	113.0928
2097.2500	-22.0958	59.4662	141.7164	0.0314	9.6602	113.6987

2097.5000	-22.1189	59.4847	141.7248	0.0267	9.5976	114.9802
2097.7500	-22.1680	59.4786	141.7382	0.0248	9.5230	116.7360
2098.0000	-22.2014	59.7190	141.7476	0.0241	9.4620	118.3527
2098.2500	-22.1866	59.5248	141.7510	0.0177	9.4377	119.5196
2098.5000	-22.1496	59.8190	141.7554	0.0043	9.4539	120.7965
2098.7500	-22.1203	59.2690	141.7626	-0.0045	9.4790	122.6874
2099.0000	-22.0853	59.6605	141.7637	0.0009	9.4646	125.0576
2099.2500	-22.0334	59.6251	141.7519	0.0131	9.3972	127.9071
2099.5000	-21.9991	59.6817	141.7335	0.0196	9.3121	131.4437
2099.7500	-22.0127	59.3307	141.7291	0.0182	9.2478	135.1837
2100.0000	-22.0508	59.7824	141.7493	0.0152	9.2124	137.8822
2100.2500	-22.0801	59.8792	141.7772	0.0193	9.1966	138.9780
2100.5000	-22.1140	59.3321	141.7945	0.0336	9.1961	139.0430
2100.7500	-22.1671	59.4818	141.7989	0.0474	9.2174	139.2055
2101.0000	-22.2026	59.7315	141.7942	0.0489	9.2600	141.2663
2101.2500	-22.1933	59.6019	141.7905	0.0412	9.3078	146.1978
2101.5000	-22.1726	59.5480	141.8006	0.0349	9.3484	152.2204
2101.7500	-22.1752	59.7235	141.8240	0.0365	9.3753	157.1708
2102.0000	-22.1789	59.4832	141.8472	0.0476	9.3734	161.7337
2102.2500	-22.1536	59.5003	141.8597	0.0604	9.3392	167.3880
2102.5000	-22.1191	59.3600	141.8644	0.0620	9.2990	172.9005
2102.7500	-22.1052	59.8252	141.8718	0.0492	9.2685	175.3139
2103.0000	-22.1004	59.4277	141.8893	0.0300	9.2296	173.4055
2103.2500	-22.0878	59.3584	141.9113	0.0130	9.1687	169.1947
2103.5000	-22.0933	59.2335	141.9247	0.0028	9.0952	166.0524
2103.7500	-22.1417	59.5403	141.9225	0.0019	9.0211	165.8528
2104.0000	-22.1962	59.3537	141.9072	0.0063	8.9585	168.3357
2104.2500	-22.2132	59.2967	141.8857	0.0095	8.9198	172.0337
2104.5000	-22.2109	59.5758	141.8700	0.0122	8.9015	175.5936
2104.7500	-22.2163	59.6868	141.8755	0.0198	8.8899	177.9296
2105.0000	-22.2024	59.4694	141.9019	0.0340	8.8806	177.1898
2105.2500	-22.1424	59.6542	141.9304	0.0509	8.8787	172.2404
2105.5000	-22.0661	59.9131	141.9491	0.0641	8.8917	164.8167
2105.7500	-22.0065	59.4601	141.9620	0.0662	8.9293	158.0884
2106.0000	-21.9482	59.3138	141.9752	0.0551	8.9942	153.8508
2106.2500	-21.8975	59.3600	141.9875	0.0377	9.0704	151.9413
2106.5000	-21.9254	59.9917	141.9982	0.0230	9.1325	151.5641
2106.7500	-22.0554	59.2813	142.0080	0.0150	9.1748	151.1443
2107.0000	-22.1927	59.3708	142.0121	0.0121	9.2252	148.1899
2107.2500	-22.2382	59.6974	142.0058	0.0114	9.3141	141.9588
2107.5000	-22.2092	59.5634	141.9951	0.0100	9.4338	134.7515
2107.7500	-22.1812	59.5604	141.9920	0.0061	9.5534	129.5152
2108.0000	-22.1681	59.5989	141.9994	0.0005	9.6697	128.1018
2108.2500	-22.1323	59.5572	142.0103	-0.0005	9.8072	130.9799
2108.5000	-22.0726	59.6728	142.0182	0.0105	9.9620	135.8988
2108.7500	-22.0244	59.4756	142.0202	0.0290	10.0854	138.9663
2109.0000	-21.9917	59.5032	142.0130	0.0419	10.1452	138.8238
2109.2500	-21.9546	59.4586	142.0047	0.0448	10.1717	137.3464
2109.5000	-21.9363	59.6868	142.0162	0.0416	10.2157	136.4004
2109.7500	-21.9844	59.5803	142.0499	0.0375	10.3054	136.4393
2110.0000	-22.0863	59.5202	142.0832	0.0383	10.4430	137.3250
2110.2500	-22.1740	59.5772	142.0999	0.0446	10.5795	138.4227
2110.5000	-22.2258	59.4262	142.1015	0.0479	10.6228	138.6800
2110.7500	-22.2721	59.9455	142.0952	0.0436	10.5335	137.5364
2111.0000	-22.3066	59.8730	142.0896	0.0363	10.3771	135.8985
2111.2500	-22.2948	59.4107	142.0938	0.0311	10.2564	135.5552
2111.5000	-22.2509	59.1796	142.1120	0.0295	10.2258	137.1272

2111.7500	-22.2055	59.5572	142.1371	0.0320	10.2715	139.5695
2112.0000	-22.1443	59.6806	142.1559	0.0356	10.3310	141.4988
2112.2500	-22.0611	59.2751	142.1620	0.0347	10.2792	141.8784
2112.5000	-21.9992	59.1826	142.1605	0.0261	9.7982	140.2482
2112.7500	-21.9865	59.8607	142.1591	0.0140	8.3063	137.4749
2113.0000	-21.9996	59.9964	142.1608	0.0055	5.4717	135.5580
2113.2500	-22.0234	59.9025	142.1633	0.0033	2.0144	135.7431
2113.5000	-22.0844	59.2211	142.1643	0.0010	-0.7058	137.1671
2113.7500	-22.1879	59.5819	142.1650	-0.0077	-2.0855	138.4073
2114.0000	-22.2736	59.7528	142.1668	-0.0158	-2.5360	139.4097
2114.2500	-22.2893	59.2598	142.1686	-0.0098	-2.6306	140.7699
2114.5000	-22.2655	59.5017	142.1625	0.0096	-2.6434	142.8677
2114.7500	-22.2545	59.5742	142.1438	0.0268	-2.6445	146.3080
2115.0000	-22.2399	59.5219	142.1292	0.0314	-999.2500	151.4108
2115.2500	-22.1794	60.2184	142.1437	0.0272	-999.2500	156.9556
2115.5000	-22.0884	59.4185	142.1835	0.0275	-999.2500	160.6426
2115.7500	-22.0128	59.5280	142.2185	0.0417	-999.2500	161.0358
2116.0000	-21.9621	59.5524	142.2296	0.0588	-999.2500	159.1049
2116.2500	-21.9386	59.3599	142.2231	0.0594	-999.2500	158.1707
2116.5000	-21.9809	59.5125	142.2176	0.0459	-999.2500	160.7245
2116.7500	-22.0984	59.3445	142.2272	0.0375	-999.2500	165.1860
2117.0000	-22.2133	59.7528	142.2469	0.0402	-999.2500	168.7507
2117.2500	-22.2444	59.5017	142.2625	0.0421	-999.2500	172.0499
2117.5000	-22.2096	59.9119	142.2753	0.0334	-999.2500	177.1153
2117.7500	-22.1782	59.3522	142.2935	0.0171	-999.2500	183.5102
2118.0000	-22.1623	59.4771	142.3100	0.0042	-999.2500	190.3731
2118.2500	-22.1319	59.7761	142.3073	-0.0004	-999.2500	198.2451
2118.5000	-22.0903	59.5186	142.2843	-0.0021	-999.2500	206.7830
2118.7500	-22.0516	59.3877	142.2614	-0.0051	-999.2500	214.2216
2119.0000	-21.9957	59.6543	142.2552	-0.0034	-999.2500	218.8218
2119.2500	-21.9230	59.7712	142.2618	0.0116	-999.2500	219.7921
2119.5000	-21.8887	60.0382	142.2712	0.0355	-999.2500	217.6255
2119.7500	-21.9235	59.2289	142.2833	0.0511	-999.2500	212.4594
2120.0000	-21.9845	59.6513	142.3031	0.0471	-999.2500	200.4623
2120.2500	-22.0324	59.5172	142.3305	0.0312	-999.2500	173.1761
2120.5000	-22.0951	59.5462	142.3554	0.0182	-999.2500	126.4523
2120.7500	-22.1961	59.3090	142.3636	0.0135	-999.2500	71.8848
2121.0000	-22.2841	59.7114	142.3493	0.0122	-999.2500	29.7584
2121.2500	-22.2971	59.6048	142.3242	0.0076	-999.2500	8.5600
2121.5000	-22.2449	59.5895	142.3076	0.0000	-999.2500	1.6593
2121.7500	-22.1753	59.8885	142.3103	-0.0005	-999.2500	0.2119
2122.0000	-22.0993	59.5387	142.3276	0.0120	-999.2500	0.0168
2122.2500	-22.0122	59.4909	142.3457	0.0274	-999.2500	0.0000
2122.5000	-21.9516	59.1425	142.3554	0.0349	-999.2500	-999.2500
2122.7500	-21.9671	59.4524	142.3626	0.0377	-999.2500	-999.2500
2123.0000	-22.0467	59.6065	142.3733	0.0440	-999.2500	-999.2500
2123.2500	-22.1300	59.2813	142.3790	0.0529	-999.2500	-999.2500
2123.5000	-22.1907	59.3662	142.3773	0.0586	-999.2500	-999.2500
2123.7500	-22.2475	59.7407	142.3858	0.0572	-999.2500	-999.2500
2124.0000	-22.2949	59.6418	142.4157	0.0509	-999.2500	-999.2500
2124.2500	-22.2960	59.3908	142.4514	0.0481	-999.2500	-999.2500
2124.5000	-22.2534	59.7666	142.4725	0.0505	-999.2500	-999.2500
2124.7500	-22.2107	59.3259	142.4770	0.0472	-999.2500	-999.2500
2125.0000	-22.1791	59.2397	142.4751	0.0326	-999.2500	-999.2500
2125.2500	-22.1399	59.7777	142.4753	0.0158	-999.2500	-999.2500
2125.5000	-22.1048	59.5819	142.4782	0.0059	-999.2500	-999.2500
2125.7500	-22.0979	59.5820	142.4802	0.0003	-999.2500	-999.2500

2126.0000	-22.1057	59.5527	142.4810	-0.0067	-999.2500	-999.2500
2126.2500	-22.1116	59.4185	142.4830	-0.0114	-999.2500	-999.2500
2126.5000	-22.1358	59.7299	142.4843	-0.0063	-999.2500	-999.2500
2126.7500	-22.1866	59.5170	142.4776	0.0059	-999.2500	-999.2500
2127.0000	-22.2242	59.5295	142.4618	0.0157	-999.2500	-999.2500
2127.2500	-22.2235	59.7253	142.4526	0.0171	-999.2500	-999.2500
2127.5000	-22.2210	59.3799	142.4655	0.0113	-999.2500	-999.2500
2127.7500	-22.2386	59.4093	142.4919	0.0060	-999.2500	-999.2500
2128.0000	-22.2359	59.7253	142.5123	0.0100	-999.2500	-999.2500
2128.2500	-22.1848	59.6744	142.5172	0.0203	-999.2500	-999.2500
2128.5000	-22.1248	60.0119	142.5069	0.0234	-999.2500	-999.2500
2128.7500	-22.0976	59.7559	142.4897	0.0146	-999.2500	-999.2500
2129.0000	-22.0829	59.7668	142.4818	0.0021	-999.2500	-999.2500
2129.2500	-22.0526	59.2041	142.4932	-0.0052	-999.2500	-999.2500
2129.5000	-22.0309	59.5928	142.5123	-0.0019	-999.2500	-999.2500
2129.7500	-22.0488	59.3954	142.5211	0.0108	-999.2500	-999.2500
2130.0000	-22.0866	59.8810	142.5164	0.0224	-999.2500	-999.2500
2130.2500	-22.1117	59.5542	142.5067	0.0237	-999.2500	-999.2500
2130.5000	-22.1407	59.2444	142.5030	0.0199	-999.2500	-999.2500
2130.7500	-22.2005	59.3753	142.5113	0.0223	-999.2500	-999.2500
2131.0000	-22.2579	59.5495	142.5266	0.0316	-999.2500	-999.2500
2131.2500	-22.2564	59.4200	142.5405	0.0397	-999.2500	-999.2500
2131.5000	-22.2060	59.6452	142.5522	0.0390	-999.2500	-999.2500
2131.7500	-22.1594	59.6452	142.5657	0.0293	-999.2500	-999.2500
2132.0000	-22.1276	59.2381	142.5797	0.0173	-999.2500	-999.2500
2132.2500	-22.1076	59.6695	142.5861	0.0095	-999.2500	-999.2500
2132.5000	-22.1352	59.8253	142.5809	0.0064	-999.2500	-999.2500
2132.7500	-22.2161	60.1925	142.5699	0.0029	-999.2500	-999.2500
2133.0000	-22.2813	59.2304	142.5612	-0.0030	-999.2500	-999.2500
2133.2500	-22.2900	59.6729	142.5595	-0.0049	-999.2500	-999.2500
2133.5000	-22.2816	59.8946	142.5649	0.0022	-999.2500	-999.2500
2133.7500	-22.2855	59.5850	142.5715	0.0114	-999.2500	-999.2500
2134.0000	-22.2697	59.6051	142.5738	0.0126	-999.2500	-999.2500
2134.2500	-22.2140	59.6806	142.5763	0.0073	-999.2500	-999.2500
2134.5000	-22.1638	59.6296	142.5852	0.0117	-999.2500	-999.2500
2134.7500	-22.1601	59.1657	142.5928	0.0366	-999.2500	-999.2500
2135.0000	-22.1723	59.8777	142.5864	0.0711	-999.2500	-999.2500
2135.2500	-22.1535	59.4662	142.5741	-999.2500	-999.2500	-999.2500
2135.5000	-22.1220	59.8560	142.5884	-999.2500	-999.2500	-999.2500
2135.7500	-22.1250	59.3708	142.6447	-999.2500	-999.2500	-999.2500
2136.0000	-22.1593	59.5341	142.7159	-999.2500	-999.2500	-999.2500
2136.2500	-999.2500	59.6575	-999.2500	-999.2500	-999.2500	-999.2500
2136.5000	-999.2500	59.6295	-999.2500	-999.2500	-999.2500	-999.2500
2136.7500	-999.2500	59.6035	-999.2500	-999.2500	-999.2500	-999.2500
2137.0000	-999.2500	59.7436	-999.2500	-999.2500	-999.2500	-999.2500
2137.2500	-999.2500	59.6557	-999.2500	-999.2500	-999.2500	-999.2500
2137.5000	-999.2500	59.2244	-999.2500	-999.2500	-999.2500	-999.2500