

~Version Information

VERS. 2.00: CWLS log ASCII Standard -VERSION 2.00  
 WRAP. NO: One line per frame

~Well Information Block

#MNEM	UNIT	Data	Description
STRT	.FT	1300.000	: Starting Depth
STOP	.FT	2717.000	: Ending Depth
STEP	.FT	0.500	: Level Spacing
NULL	.	-999.2500	: Absent Value
COMP	.		: Company
WELL	.	CATOOSA TEST #2	: Well
FLD	.	CATOOSA	: Field
LOC	.		: Location
PROV	.	PAWNEE	: Province
CTRY	.		: Country
SRVC	.	Baker Hughes	: Service Company
DATE	.	18-Sep-2020	: Log Date
UWI	.		: Unique Well ID
LIC	.		: License Number

~Curve Information Block

#MNEM	UNIT	API Codes	Curve Description
DEPT	.FT	99 995 99 1	: Depth
DT24QI	.US/F	60 520 99 1	: Slowness over 24-inch interval
GR	.GAPI	30 310 1 1	: Gamma ray
M2CCX	.MMHO	8 110 99 1	: HDIL 2-foot resolution compressed conductivity, 120-inch DOI
M2R1	.OHMM	8 120 10 1	: Vertical 2-foot resolution matched resistivity, 10-inch DOI
M2R2	.OHMM	8 120 20 1	: Vertical 2-foot resolution matched resistivity, 20-inch DOI
M2R3	.OHMM	8 120 30 1	: Vertical 2-foot resolution matched resistivity, 30-inch DOI
M2R6	.OHMM	8 120 60 1	: Vertical 2-foot resolution matched resistivity, 60-inch DOI
M2R9	.OHMM	8 120 90 1	: Vertical 2-foot resolution matched resistivity, 90-inch DOI
M2RX	.OHMM	8 120 99 1	: Vertical 2-foot resolution matched resistivity, 120-inch DOI
PORAQI	.PU	60 890 99 1	: Acoustic porosity
SP	.MV	1 10 1 1	: Spontaneous Potential
TEN	.LBF	99 635 99 1	: Differential tension
WRM	.OHMM	99 823 99 1	: Mud resistivity
WTBH	.DEGF	99 995 99 1	: Temperature of borehole

~Parameter Information Block

#MNEM	UNIT	Value	Description
HIDE	.		: Header Identifier
HID1	.	GAMMA RAY LOG	: Header Identifier
STAT	.	OKLAHOMA	: State Or Province
OS1	.	BHP	: Other Services Line 1
OS2	.	HDIL/GR	: Other Services Line 2
OS3	.	XMAC/GR	: Other Services Line 3
PDAT	.	GL	: Permanent Datum
EPD	.FT	999	: Elevation Of Perm. Datum
LMF	.	KB	: Log Measured From
APD	.FT	22	: Above Permanent Datum
DMF	.	KB	: Drilling Measured From
EKB	.FT	1021	: Elevation Of Kelly Bushing

EDF .FT 1020 : Elevation Of Derrick Floor  
 EGL .FT 999 : Elevation Of Ground Level  
 RUN . 1 : Run Number  
 TRIP. 1 : Trip Number  
 SON . 171956 : Service Order Number  
 TDD .FT 2711 : Total Depth - Driller  
 TDL .FT 2711 : Total Depth - Logger  
 BLI .FT 2708 : Bottom Log Interval  
 TLI .FT 1300 : Top Log Interval  
 CSIZ.IN 9.625 : Casing Size  
 CBDR.FT 789 : Casing Bottom - Driller  
 BS .IN 6.125 : Bit Size  
 DFT . WBM : Drilling Fluid Type  
 DFD .LB/G 9.5 : Drilling Fluid Density  
 DFV .CP 37 : Drilling Fluid Viscosity  
 DFPH. 8.9 : Drilling Fluid Ph  
 DFL .C3 19 : Drilling Fluid Loss  
 MSS . FLOWLINE : Mud Sample Source  
 RMS .OHMM 1.363 : Resistivity Of Mud Sample  
 MST .DEGF 75 : Mud Sample Temperature  
 RMFS.OHMM 1.064 : Resistivity Of Mud Filtrate Sample  
 MFST.DEGF 75 : Mud Filtrate Sample Temperature  
 RMCS.OHMM 1.704 : Resistivity Of Mud Cake Sample  
 MCST.DEGF 75 : Mud Cake Sample Temperature  
 MFSS. CALCULATED : Mud Filtrate Sample Source  
 MCSS. CALCULATED : Mud Cake Sample Source  
 RMB .OHMM 0.924 : Mud Resistivity At Bht  
 BHT .DEGF 0.924 : Bottom Hole Temperature  
 TSC . 13:00 : Time Since Circulation  
 MRT .DEGF 114 : Maximum Recorded Temperature  
 LUN . HL-6845 : Logging Unit Number  
 LUL . VICTORIA,TX : Logging Unit Location  
 ENGI. R. ZUNIGA : Engineer's Name  
 WITN. RAMIL HASSANLI : Witness' Name  
 TSTR. HDIL/GR : Title Service Mnemonic  
 TSTG. NA : Title Service Mnemonic  
 STUS. FINAL : Status  
 LCNM. Baker Hughes : Logging Company Name  
 LCC . 150 : Logging Company Code  
 OPMD. OH.WIRE : Operation Mode  
 PANA. R. ZUNIGA : Processing Analyst  
 PCON. Baker Hughes : Processing Contractor  
 APIN. : API Serial Number  
 LATI.DEG 0.0000 : Latitude  
 LONG.DEG 0.0000 : Longitude

~Other information

HL-6845: R. ZUNIGA, L. ULLMANN, K. HADSALL

# Curve Data

~A DEPT DT24QI GR M2CCX M2R1 M2R2 M2R3 M2R6 M2R9 M2RX PORAQI  
 SP TEN WRM WTBH  
 1300.000 92.376 111.063 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 31.444 -7.548  
 -23.525 0.883 100.833  
 1300.500 93.260 113.095 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 32.064 -7.668  
 -14.557 0.882 100.724

1301.000	94.343	112.949	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.825	-7.603
-6.098	0.880	100.681										
1301.500	94.292	111.732	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.790	-7.870
-0.805	0.879	100.733										
1302.000	92.580	110.087	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	31.587	-8.522
0.309	0.879	100.893										
1302.500	89.928	106.128	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	29.724	-9.247
-1.082	0.879	101.049										
1303.000	87.831	101.622	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	28.252	-9.902
-4.243	0.880	101.090										
1303.500	87.518	101.046	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	28.033	-10.029
-9.674	0.880	101.090										
1304.000	89.170	104.364	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	29.193	-9.294
-15.391	0.880	101.049										
1304.500	91.918	109.272	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	31.122	-8.314
-16.501	0.879	100.914										
1305.000	94.479	114.070	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.920	-7.555
-15.608	0.878	100.829										
1305.500	96.012	117.455	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.997	-7.013
-21.298	0.879	100.914										
1306.000	96.530	118.897	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.361	-6.861
-30.798	0.880	101.045										
1306.500	96.478	119.079	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.324	-6.981
-36.049	0.881	101.039										
1307.000	96.139	118.398	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.086	-7.101
-37.309	0.881	100.943										
1307.500	95.425	117.006	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.585	-7.484
-36.893	0.880	100.740										
1308.000	94.156	113.559	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.694	-8.237
-32.721	0.879	100.495										
1308.500	92.499	107.674	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	31.530	-9.097
-26.953	0.879	100.500										
1309.000	90.904	103.362	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	30.410	-10.000
-25.771	0.879	100.791										
1309.500	89.595	103.530	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	29.491	-10.629
-29.899	0.879	100.999										
1310.000	88.373	104.160	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	28.633	-10.824
-34.058	0.878	100.910										
1310.500	86.959	100.846	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	27.639	-10.875
-33.885	0.877	100.774										
1311.000	85.505	95.892	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	26.619	-10.915
-33.635	0.877	100.745										
1311.500	84.710	93.757	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	26.061	-10.804
-36.355	0.878	100.812										
1312.000	85.223	95.887	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	26.421	-10.510
-38.790	0.878	100.917										
1312.500	86.989	100.740	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	27.661	-10.082
-34.629	0.877	100.980										
1313.000	89.339	106.074	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	29.311	-9.415
-26.713	0.876	100.917										
1313.500	91.595	108.767	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	30.895	-8.817
-25.211	0.876	100.853										
1314.000	93.459	109.382	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.204	-8.354
-27.656	0.876	100.917										

1314.500	94.990	111.914	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.280	-7.832
-26.449	0.875	100.963										
1315.000	96.247	116.395	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.162	-7.327
-23.994	0.875	100.880										
1315.500	97.089	119.213	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.754	-6.999
-24.889	0.874	100.821										
1316.000	97.331	118.974	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.924	-6.793
-24.514	0.874	100.863										
1316.500	96.825	117.607	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.568	-6.886
-21.934	0.875	100.910										
1317.000	95.538	115.704	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.664	-7.159
-22.977	0.875	100.859										
1317.500	93.662	112.165	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.347	-7.394
-26.082	0.875	100.769										
1318.000	91.606	107.551	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	30.903	-7.855
-27.059	0.877	100.786										
1318.500	89.868	104.946	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	29.683	-8.445
-24.193	0.879	100.967										
1319.000	88.808	104.602	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	28.938	-8.971
-21.380	0.881	101.078										
1319.500	88.467	104.441	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	28.699	-9.452
-20.703	0.882	101.040										
1320.000	88.639	104.307	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	28.819	-9.762
-19.162	0.881	100.947										
1320.500	89.139	105.048	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	29.170	-9.664
-15.852	0.880	100.812										
1321.000	89.922	106.819	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	29.721	-9.481
-19.137	0.880	100.719										
1321.500	90.982	110.014	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	30.465	-9.239
-29.461	0.880	100.773										
1322.000	92.184	114.196	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	31.309	-8.862
-35.285	0.879	100.794										
1322.500	93.228	117.496	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.042	-8.610
-36.068	0.879	100.731										
1323.000	93.853	118.257	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.481	-8.418
-38.289	0.879	100.798										
1323.500	94.037	116.643	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.610	-8.128
-39.406	0.882	100.929										
1324.000	93.987	115.239	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.575	-7.987
-34.544	0.884	100.908										
1324.500	93.929	115.781	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.535	-7.939
-28.494	0.885	100.802										
1325.000	93.966	117.203	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.560	-7.788
-23.924	0.887	100.802										
1325.500	94.094	118.942	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.650	-7.895
-17.529	0.889	100.917										
1326.000	94.299	121.317	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.794	-8.093
-11.485	0.891	101.052										
1326.500	94.621	122.673	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.020	-8.070
-13.084	0.892	101.098										
1327.000	95.101	122.617	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.357	-7.989
-21.041	0.892	100.946										
1327.500	95.706	122.233	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.782	-7.865
-27.634	0.891	100.774										

1328.000	96.355	121.395	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.238	-7.329
-26.520	0.889	100.821										
1328.500	97.010	119.718	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.698	-6.781
-18.949	0.885	100.932										
1329.000	97.658	118.258	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.153	-6.380
-17.004	0.879	100.851										
1329.500	98.208	118.638	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.540	-5.806
-25.492	0.873	100.784										
1330.000	98.496	121.293	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.741	-5.348
-30.130	0.871	100.842										
1330.500	98.410	122.663	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.682	-5.098
-26.004	0.871	100.888										
1331.000	98.068	120.358	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.441	-4.828
-24.720	0.872	100.931										
1331.500	97.801	117.839	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.254	-4.702
-27.195	0.871	101.002										
1332.000	97.902	118.099	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.324	-4.467
-25.359	0.871	101.015										
1332.500	98.388	119.941	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.666	-3.927
-22.044	0.870	101.013										
1333.000	99.017	121.585	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	36.108	-3.478
-23.025	0.870	101.072										
1333.500	99.462	122.589	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	36.420	-3.126
-26.284	0.869	101.139										
1334.000	99.511	122.639	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	36.454	-2.871
-30.444	0.868	101.143										
1334.500	99.142	120.861	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	36.195	-2.924
-35.298	0.869	101.132										
1335.000	98.464	118.343	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.719	-3.004
-34.245	0.871	101.218										
1335.500	97.645	117.061	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	35.144	-3.011
-28.790	0.873	101.316										
1336.000	96.863	117.229	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.595	-3.188
-27.643	0.872	101.274										
1336.500	96.247	117.308	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	34.162	-3.287
-31.040	0.870	101.138										
1337.000	95.805	116.535	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.852	-3.294
-33.605	0.869	101.063										
1337.500	95.417	115.129	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.579	-3.478
-33.241	0.869	100.965										
1338.000	94.954	113.788	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.254	-3.705
-29.862	0.869	100.825										
1338.500	94.451	114.027	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.901	-3.874
-28.254	0.868	100.780										
1339.000	94.125	117.093	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.672	-4.181
-33.978	0.868	100.826										
1339.500	94.190	120.528	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.717	-4.409
-42.107	0.868	100.826										
1340.000	94.620	120.409	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.019	-4.416
-47.886	0.868	100.788										
1340.500	95.113	118.401	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.366	-4.521
-53.710	0.869	100.902										
1341.000	95.321	116.864	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.512	-4.597
-56.411	0.870	101.100										

1341.500	95.155	115.436	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.395	-4.579
-52.564	0.872	101.213										
1342.000	94.789	115.219	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	33.138	-4.714
-49.539	0.873	101.285										
1342.500	94.463	116.608	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.909	-4.976
-52.260	0.872	101.370										
1343.000	94.316	117.471	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.806	-5.207
-51.951	0.871	101.251										
1343.500	94.348	116.312	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	32.829	-5.595
-44.878	0.869	100.897										
1344.000	94.555	115.130	248.246	3.461	3.700	3.840	3.947	3.982	4.028	32.974	-5.862	-38.398
0.869	100.737											
1344.500	94.992	116.080	251.515	3.401	3.653	3.794	3.897	3.932	3.976	33.281	-5.884	-37.166
0.869	100.888											
1345.000	95.646	119.414	258.578	3.302	3.557	3.695	3.791	3.826	3.867	33.740	-5.821	-39.782
0.868	101.066											
1345.500	96.357	122.258	265.185	3.222	3.472	3.607	3.698	3.733	3.771	34.240	-5.599	-41.837
0.867	101.162											
1346.000	96.929	123.078	267.735	3.199	3.444	3.576	3.665	3.699	3.735	34.641	-5.121	-43.348
0.867	101.297											
1346.500	97.287	122.604	266.794	3.221	3.461	3.592	3.679	3.714	3.748	34.892	-4.666	-47.774
0.868	101.352											
1347.000	97.522	122.388	265.976	3.245	3.476	3.605	3.692	3.727	3.760	35.058	-4.129	-50.651
0.868	101.195											
1347.500	97.821	122.847	268.351	3.232	3.449	3.575	3.661	3.695	3.726	35.267	-3.527	-45.196
0.867	100.941											
1348.000	98.289	122.650	273.929	3.182	3.382	3.504	3.587	3.621	3.651	35.597	-3.126	-38.810
0.868	100.928											
1348.500	98.864	121.242	280.359	3.122	3.307	3.426	3.506	3.539	3.567	36.000	-2.836	-40.434
0.869	101.213											
1349.000	99.400	120.495	284.894	3.081	3.257	3.372	3.451	3.484	3.510	36.376	-2.606	-42.346
0.871	101.356											
1349.500	99.785	122.054	286.715	3.065	3.238	3.352	3.430	3.462	3.488	36.646	-2.675	-39.855
0.871	101.259											
1350.000	99.968	124.221	286.993	3.062	3.237	3.350	3.428	3.459	3.484	36.776	-2.800	-41.090
0.869	101.256											
1350.500	99.972	123.943	286.448	3.065	3.244	3.357	3.435	3.466	3.491	36.778	-2.780	-44.475
0.867	101.321											
1351.000	99.841	122.900	285.175	3.075	3.259	3.373	3.451	3.481	3.507	36.686	-2.839	-42.279
0.867	101.281											
1351.500	99.613	123.200	284.129	3.083	3.271	3.386	3.465	3.494	3.520	36.526	-2.826	-39.749
0.867	101.264											
1352.000	99.365	123.107	284.217	3.079	3.270	3.385	3.464	3.493	3.518	36.352	-2.748	-44.697
0.867	101.394											
1352.500	99.206	120.510	285.021	3.068	3.261	3.376	3.455	3.482	3.509	36.240	-2.889	-48.149
0.866	101.470											
1353.000	99.190	118.962	285.934	3.057	3.251	3.365	3.444	3.471	3.497	36.229	-3.009	-45.330
0.866	101.317											
1353.500	99.272	120.273	286.688	3.048	3.244	3.356	3.435	3.461	3.488	36.287	-3.074	-44.409
0.866	101.140											
1354.000	99.345	121.636	286.537	3.049	3.246	3.358	3.437	3.463	3.490	36.338	-3.296	-49.646
0.866	101.141											
1354.500	99.323	121.448	285.248	3.062	3.261	3.373	3.452	3.478	3.506	36.322	-3.637	-55.633
0.868	101.218											

1355.000	99.257	120.565	284.321	3.071	3.271	3.383	3.463	3.489	3.517	36.276	-3.888	-55.531
0.870	101.337											
1355.500	99.297	120.869	285.095	3.063	3.262	3.374	3.454	3.480	3.508	36.304	-4.124	-49.194
0.870	101.509											
1356.000	99.523	123.012	287.395	3.042	3.236	3.347	3.426	3.452	3.480	36.463	-4.178	-45.857
0.869	101.482											
1356.500	99.863	124.296	290.144	3.020	3.207	3.315	3.393	3.420	3.447	36.701	-4.092	-48.404
0.868	101.213											
1357.000	100.151	122.909	291.405	3.016	3.196	3.302	3.379	3.406	3.432	36.904	-4.102	
-47.207	0.868	101.040										
1357.500	100.237	121.121	290.044	3.040	3.215	3.318	3.395	3.422	3.448	36.964	-4.368	
-40.790	0.868	101.154										
1358.000	100.087	120.953	287.322	3.080	3.249	3.351	3.428	3.456	3.480	36.859	-4.698	
-37.948	0.869	101.430										
1358.500	99.794	122.314	285.391	3.112	3.275	3.375	3.452	3.480	3.504	36.653	-5.176	-38.233
0.869	101.656											
1359.000	99.499	123.913	284.889	3.130	3.284	3.383	3.460	3.487	3.510	36.446	-5.800	-37.133
0.870	101.765											
1359.500	99.375	124.815	285.238	3.137	3.283	3.381	3.457	3.484	3.506	36.359	-6.547	-37.245
0.871	101.786											
1360.000	99.593	125.952	286.143	3.135	3.277	3.373	3.447	3.474	3.495	36.512	-7.549	-40.104
0.872	101.786											
1360.500	100.118	126.753	287.783	3.124	3.264	3.356	3.429	3.456	3.475	36.881	-8.589	
-41.056	0.871	101.786										
1361.000	100.732	124.906	290.853	3.101	3.236	3.324	3.394	3.420	3.438	37.312	-9.397	
-40.357	0.870	101.740										
1361.500	101.220	122.876	294.725	3.075	3.201	3.283	3.351	3.376	3.393	37.655	-10.046	
-43.339	0.869	101.559										
1362.000	101.412	124.109	296.636	3.074	3.189	3.265	3.330	3.354	3.371	37.789	-10.511	
-48.344	0.871	101.406										
1362.500	101.294	126.323	295.716	3.104	3.206	3.278	3.342	3.365	3.382	37.707	-10.571	
-47.929	0.874	101.487										
1363.000	100.969	127.996	294.133	3.141	3.229	3.298	3.361	3.383	3.400	37.478	-10.230	
-41.690	0.878	101.642										
1363.500	100.507	130.091	292.812	3.171	3.247	3.314	3.377	3.399	3.415	37.154	-8.947	
-38.050	0.890	101.639										
1364.000	100.023	132.407	290.784	3.202	3.271	3.337	3.401	3.422	3.439	36.814	-6.921	
-40.683	0.909	101.528										
1364.500	99.704	135.108	288.600	3.230	3.296	3.363	3.427	3.448	3.465	36.590	-4.911	-42.486
0.928	101.482											
1365.000	99.650	139.214	287.709	3.239	3.306	3.373	3.437	3.458	3.476	36.552	-3.388	-40.114
0.936	101.520											
1365.500	99.793	142.167	287.973	3.234	3.303	3.370	3.434	3.455	3.473	36.653	-2.406	-41.498
0.937	101.545											
1366.000	100.046	141.239	288.144	3.230	3.301	3.368	3.431	3.452	3.470	36.830	-2.196	
-49.697	0.941	101.545										
1366.500	100.327	138.358	288.465	3.224	3.298	3.364	3.427	3.448	3.467	37.028	-2.318	
-57.379	0.947	101.596										
1367.000	100.615	137.087	290.890	3.193	3.271	3.336	3.398	3.418	3.438	37.229	-2.461	
-60.710	0.949	101.643										
1367.500	100.921	137.859	295.722	3.136	3.218	3.281	3.341	3.362	3.382	37.445	-2.719	
-63.791	0.942	101.631										
1368.000	101.130	138.749	299.435	3.094	3.178	3.240	3.299	3.320	3.340	37.592	-2.956	
-67.533	0.930	101.593										

1368.500	101.120	138.592	298.894	3.097	3.183	3.245	3.304	3.325	3.346	37.584	-2.990	
-66.882	0.922	101.594										
1369.000	100.972	138.425	296.177	3.125	3.211	3.274	3.334	3.355	3.376	37.481	-3.033	
-63.233	0.923	101.635										
1369.500	100.911	140.439	295.305	3.136	3.219	3.283	3.343	3.364	3.386	37.438	-3.017	
-63.258	0.928	101.677										
1370.000	101.082	143.565	296.457	3.126	3.206	3.270	3.329	3.351	3.373	37.558	-2.682	
-66.086	0.932	101.698										
1370.500	101.378	144.383	297.499	3.118	3.195	3.258	3.318	3.338	3.361	37.765	-2.250	
-64.553	0.937	101.739										
1371.000	101.472	141.691	296.911	3.128	3.202	3.264	3.324	3.344	3.368	37.832	-1.930	
-58.209	0.944	101.782										
1371.500	101.088	138.372	293.398	3.171	3.241	3.303	3.364	3.384	3.408	37.562	-2.122	
-54.985	0.950	101.807										
1372.000	100.251	136.654	287.315	3.244	3.312	3.373	3.435	3.455	3.481	36.974	-2.961	
-58.488	0.956	101.853										
1372.500	99.300	137.598	281.311	3.316	3.384	3.445	3.509	3.528	3.555	36.306	-4.200	-61.436
0.963	101.828											
1373.000	98.646	138.773	277.800	3.357	3.428	3.489	3.553	3.573	3.600	35.847	-5.126	-60.853
0.972	101.748											
1373.500	98.503	138.061	277.209	3.359	3.435	3.498	3.561	3.580	3.607	35.746	-5.686	-62.315
0.979	101.770											
1374.000	98.832	136.279	278.913	3.333	3.414	3.477	3.539	3.558	3.585	35.978	-5.804	-62.891
0.984	101.880											
1374.500	99.435	135.161	282.769	3.283	3.367	3.431	3.491	3.510	3.536	36.401	-5.695	-58.156
0.986	101.829											
1375.000	100.091	134.753	287.586	3.226	3.311	3.374	3.432	3.451	3.477	36.861	-5.489	
-54.981	0.987	101.584										
1375.500	100.653	134.993	290.758	3.191	3.275	3.337	3.395	3.414	3.439	37.256	-5.247	
-56.851	0.987	101.474										
1376.000	101.034	135.315	290.832	3.193	3.274	3.335	3.394	3.413	3.438	37.524	-4.852	
-55.834	0.988	101.647										
1376.500	101.182	135.710	288.997	3.218	3.294	3.356	3.415	3.435	3.460	37.628	-4.654	
-51.340	0.995	101.829										
1377.000	101.107	136.212	287.284	3.240	3.312	3.374	3.434	3.455	3.481	37.575	-4.533	
-52.728	1.009	101.854										
1377.500	100.904	135.955	285.507	3.261	3.332	3.394	3.455	3.477	3.503	37.433	-4.490	
-56.925	1.032	101.882										
1378.000	100.692	135.787	283.714	3.278	3.352	3.415	3.477	3.499	3.525	37.284	-4.731	
-53.111	1.056	101.947										
1378.500	100.547	136.782	284.108	3.268	3.346	3.410	3.472	3.495	3.520	37.182	-4.974	
-44.712	1.070	101.884										
1379.000	100.490	136.812	286.494	3.235	3.318	3.382	3.443	3.466	3.490	37.142	-5.064	
-43.870	1.068	101.707										
1379.500	100.516	136.641	287.544	3.219	3.306	3.370	3.431	3.454	3.478	37.160	-5.290	
-49.684	1.060	101.619										
1380.000	100.672	138.609	286.885	3.223	3.314	3.379	3.440	3.462	3.486	37.270	-5.514	
-54.330	1.054	101.685										
1380.500	101.041	141.458	288.254	3.208	3.300	3.364	3.424	3.446	3.469	37.528	-5.513	
-56.631	1.056	101.837										
1381.000	101.573	142.161	293.132	3.156	3.246	3.309	3.368	3.389	3.411	37.902	-5.596	
-61.871	1.064	101.976										
1381.500	102.009	140.534	298.079	3.108	3.193	3.255	3.313	3.333	3.355	38.209	-5.623	
-69.331	1.073	102.002										



1382.000	102.043	137.724	299.001	3.104	3.183	3.244	3.303	3.323	3.344	38.232	-5.501	
-72.445	1.080	101.960										
1382.500	101.543	136.055	295.132	3.150	3.225	3.286	3.346	3.366	3.388	37.882	-5.453	
-69.590	1.085	101.909										
1383.000	100.715	136.009	289.259	3.216	3.289	3.352	3.414	3.435	3.457	37.300	-5.478	
-69.023	1.099	101.841										
1383.500	100.000	136.882	285.200	3.262	3.335	3.398	3.463	3.483	3.506	36.798	-5.302	
-72.763	1.120	101.883										
1384.000	99.734	139.866	284.051	3.275	3.347	3.410	3.476	3.497	3.520	36.611	-5.134	-72.906
1.137	102.101											
1384.500	99.905	142.543	284.208	3.274	3.344	3.408	3.474	3.495	3.519	36.731	-4.918	-68.421
1.142	102.258											
1385.000	100.252	141.264	283.570	3.282	3.350	3.415	3.482	3.503	3.526	36.974	-4.651	
-66.774	1.145	102.220										
1385.500	100.488	137.520	281.046	3.311	3.380	3.446	3.513	3.535	3.558	37.141	-4.510	
-66.564	1.143	102.136										
1386.000	100.482	135.397	278.423	3.340	3.413	3.480	3.546	3.568	3.592	37.136	-4.369	
-64.345	1.129	102.044										
1386.500	100.322	136.488	278.256	3.339	3.417	3.484	3.549	3.570	3.594	37.024	-4.282	
-65.334	1.102	101.981										
1387.000	100.194	139.029	280.435	3.311	3.393	3.459	3.522	3.543	3.566	36.934	-4.473	
-71.026	1.070	101.859										
1387.500	100.200	140.108	283.968	3.269	3.353	3.419	3.479	3.500	3.522	36.939	-4.692	
-75.347	1.045	101.618										
1388.000	100.365	139.794	288.374	3.219	3.304	3.369	3.426	3.447	3.468	37.054	-4.803	
-74.143	1.031	101.449										
1388.500	100.663	141.504	292.356	3.177	3.261	3.325	3.380	3.400	3.420	37.263	-5.040	
-70.575	1.025	101.553										
1389.000	101.043	141.675	295.031	3.150	3.234	3.296	3.350	3.370	3.389	37.530	-5.055	
-67.974	1.025	101.701										
1389.500	101.491	138.158	297.425	3.126	3.210	3.271	3.323	3.343	3.362	37.845	-4.886	
-62.985	1.025	101.638										
1390.000	101.964	136.218	300.255	3.097	3.181	3.240	3.292	3.312	3.331	38.177	-4.848	
-54.357	1.020	101.531										
1390.500	102.304	138.864	302.096	3.080	3.161	3.220	3.272	3.293	3.310	38.416	-4.728	
-52.725	1.012	101.697										
1391.000	102.346	141.836	301.192	3.092	3.170	3.229	3.281	3.303	3.320	38.445	-4.519	
-60.863	1.002	102.057										
1391.500	102.066	142.270	297.643	3.130	3.205	3.266	3.320	3.342	3.360	38.248	-4.616	
-65.344	0.992	102.145										
1392.000	101.639	140.444	293.998	3.167	3.242	3.306	3.361	3.384	3.401	37.949	-4.799	
-60.795	0.990	101.790										
1392.500	101.365	137.284	293.916	3.161	3.240	3.305	3.361	3.385	3.402	37.756	-4.818	
-54.633	0.993	101.453										
1393.000	101.420	135.185	297.935	3.110	3.193	3.259	3.315	3.339	3.356	37.795	-4.952	
-49.569	0.995	101.494										
1393.500	101.620	136.034	301.119	3.071	3.156	3.223	3.280	3.304	3.321	37.935	-4.968	
-45.251	0.995	101.786										
1394.000	101.601	139.072	298.539	3.096	3.182	3.250	3.307	3.332	3.350	37.922	-4.850	
-41.048	1.001	102.065										
1394.500	101.185	141.530	291.072	3.181	3.264	3.333	3.392	3.417	3.436	37.630	-4.927	
-37.170	1.009	102.183										
1395.000	100.552	141.367	283.887	3.271	3.349	3.417	3.477	3.504	3.523	37.186	-5.145	
-36.900	1.015	102.213										

1395.500	100.135	140.435	281.680	3.307	3.378	3.444	3.504	3.530	3.550	36.892	-5.179	
-41.193	1.019	102.306										
1396.000	100.082	139.666	284.736	3.279	3.345	3.407	3.466	3.492	3.512	36.855	-5.250	
-43.949	1.024	102.440										
1396.500	99.987	137.790	287.728	3.249	3.313	3.372	3.430	3.455	3.476	36.789	-5.307	-44.628
1.030	102.482											
1397.000	99.375	133.799	283.634	3.299	3.363	3.420	3.479	3.504	3.526	36.359	-5.294	-45.434
1.033	102.440											
1397.500	98.306	130.673	271.274	3.449	3.517	3.577	3.637	3.663	3.686	35.608	-5.441	-39.471
1.037	102.306											
1398.000	97.430	130.596	261.868	3.567	3.643	3.705	3.767	3.794	3.819	34.993	-5.648	-27.120
1.058	102.221											
1398.500	97.472	132.156	267.629	3.480	3.563	3.625	3.685	3.711	3.737	35.022	-5.589	-22.809
1.084	102.306											
1399.000	98.533	133.513	283.284	3.278	3.363	3.425	3.480	3.505	3.530	35.767	-5.282	-29.973
1.087	102.399											
1399.500	99.987	135.626	293.879	3.153	3.239	3.301	3.353	3.378	3.403	36.789	-5.028	-36.364
1.081	102.264											
1400.000	101.158	138.654	297.109	3.115	3.203	3.265	3.316	3.341	3.366	37.611	-4.816	
-36.336	1.087	102.045										
1400.500	101.799	139.898	299.917	3.089	3.174	3.234	3.284	3.309	3.334	38.061	-4.881	
-35.271	1.094	102.036										
1401.000	102.017	138.332	303.712	3.059	3.135	3.192	3.241	3.267	3.293	38.214	-5.138	
-35.374	1.093	102.162										
1401.500	102.015	137.493	304.764	3.057	3.125	3.179	3.229	3.255	3.281	38.213	-5.503	
-34.157	1.085	102.199										
1402.000	101.894	139.481	302.639	3.082	3.147	3.200	3.251	3.278	3.304	38.128	-5.797	
-32.251	1.074	102.144										
1402.500	101.709	141.786	301.169	3.095	3.160	3.213	3.266	3.294	3.320	37.998	-6.140	
-31.927	1.070	101.983										
1403.000	101.585	141.434	302.805	3.075	3.140	3.194	3.248	3.276	3.302	37.911	-6.392	
-31.454	1.078	101.857										
1403.500	101.601	139.383	305.757	3.042	3.107	3.162	3.217	3.245	3.271	37.922	-6.564	
-28.222	1.088	102.017										
1404.000	101.691	138.570	306.878	3.030	3.094	3.150	3.206	3.234	3.259	37.985	-6.512	
-28.738	1.096	102.334										
1404.500	101.736	139.350	304.818	3.052	3.115	3.172	3.229	3.257	3.281	38.017	-6.350	
-37.452	1.096	102.474										
1405.000	101.674	139.794	301.474	3.090	3.152	3.209	3.268	3.294	3.317	37.973	-6.035	
-44.649	1.088	102.461										
1405.500	101.515	138.763	300.052	3.110	3.171	3.227	3.286	3.312	3.333	37.862	-5.645	
-44.590	1.076	102.390										
1406.000	101.299	138.173	300.007	3.117	3.176	3.232	3.290	3.315	3.333	37.710	-5.228	
-45.420	1.070	102.300										
1406.500	101.053	139.442	298.398	3.141	3.200	3.256	3.313	3.336	3.351	37.537	-4.908	
-50.049	1.077	102.275										
1407.000	100.838	141.041	295.386	3.181	3.241	3.297	3.352	3.374	3.385	37.387	-4.685	
-52.973	1.089	102.342										
1407.500	100.669	140.821	293.440	3.209	3.273	3.329	3.381	3.401	3.408	37.267	-4.558	
-52.882	1.091	102.431										
1408.000	100.388	139.493	293.107	3.222	3.289	3.343	3.392	3.411	3.412	37.070	-4.527	
-50.438	1.086	102.457										
1408.500	99.862	137.857	291.330	3.251	3.322	3.376	3.421	3.437	3.433	36.701	-4.478	-50.265
1.080	102.394											

1409.000	99.223	137.143	286.236	3.316	3.393	3.449	3.488	3.505	3.494	36.252	-4.434	-54.616
1.077	102.351											
1409.500	98.888	138.534	284.277	3.339	3.427	3.485	3.518	3.535	3.518	36.017	-4.496	-59.234
1.075	102.414											
1410.000	99.326	140.989	294.539	3.219	3.316	3.374	3.401	3.417	3.395	36.325	-4.604	-61.051
1.071	102.528											
1410.500	100.583	142.429	314.305	3.016	3.115	3.172	3.195	3.208	3.182	37.207	-4.715	
-63.321	1.057	102.524										
1411.000	102.108	142.961	329.813	2.876	2.975	3.032	3.050	3.062	3.032	38.278	-4.820	
-63.039	1.038	102.439										
1411.500	103.211	143.218	335.250	2.836	2.933	2.989	3.006	3.016	2.983	39.053	-4.891	
-59.823	1.027	102.390										
1412.000	103.614	142.651	334.956	2.847	2.942	2.996	3.013	3.022	2.985	39.335	-4.973	
-57.797	1.026	102.322										
1412.500	103.545	140.735	334.302	2.863	2.952	3.004	3.022	3.030	2.991	39.287	-5.209	
-56.029	1.030	102.233										
1413.000	103.440	138.673	336.436	2.854	2.936	2.986	3.005	3.012	2.972	39.213	-5.480	
-52.839	1.028	102.275										
1413.500	103.508	139.164	340.733	2.823	2.899	2.948	2.968	2.975	2.935	39.261	-5.633	
-50.523	1.023	102.406										
1414.000	103.627	141.412	343.115	2.805	2.876	2.926	2.948	2.954	2.914	39.345	-5.687	
-49.749	1.020	102.410										
1414.500	103.667	143.193	341.975	2.813	2.883	2.934	2.958	2.962	2.924	39.373	-5.736	
-47.925	1.018	102.306										
1415.000	103.695	143.741	340.917	2.820	2.890	2.941	2.966	2.969	2.933	39.393	-5.834	
-44.649	1.011	102.267										
1415.500	103.859	143.112	343.902	2.794	2.862	2.913	2.939	2.940	2.908	39.508	-6.134	
-39.800	1.003	102.357										
1416.000	104.110	141.027	349.346	2.749	2.815	2.864	2.890	2.890	2.862	39.684	-6.647	
-35.161	0.997	102.403										
1416.500	104.130	138.868	350.727	2.737	2.800	2.847	2.875	2.874	2.851	39.698	-7.074	
-32.299	0.998	102.390										
1417.000	103.693	138.381	343.044	2.795	2.856	2.904	2.934	2.933	2.915	39.391	-7.459	
-28.086	1.003	102.517										
1417.500	102.954	139.092	328.256	2.909	2.974	3.025	3.060	3.058	3.046	38.872	-7.680	
-21.420	1.008	102.739										
1418.000	102.388	139.408	319.346	2.972	3.043	3.098	3.138	3.137	3.131	38.475	-7.826	
-18.496	1.006	102.799										
1418.500	102.427	138.857	325.491	2.893	2.967	3.025	3.070	3.068	3.072	38.502	-7.913	
-21.429	0.985	102.697										
1419.000	103.087	139.143	336.542	2.776	2.849	2.908	2.958	2.957	2.971	38.965	-7.854	
-26.147	0.955	102.596										
1419.500	103.926	141.067	338.390	2.741	2.814	2.874	2.929	2.929	2.955	39.555	-7.614	
-28.187	0.945	102.507										
1420.000	104.397	142.940	331.755	2.784	2.851	2.912	2.977	2.977	3.014	39.886	-7.390	
-25.386	0.959	102.414										
1420.500	104.107	142.833	319.750	2.887	2.941	2.999	3.074	3.074	3.127	39.682	-7.023	
-21.333	0.974	102.414										
1421.000	102.649	141.750	298.505	3.103	3.135	3.187	3.276	3.276	3.350	38.658	-6.551	
-22.358	0.984	102.519										
1421.500	99.673	139.718	264.977	3.517	3.515	3.560	3.671	3.671	3.774	36.568	-6.258	-29.025
0.991	102.557											
1422.000	95.087	132.214	221.791	4.224	4.176	4.216	4.362	4.363	4.509	33.348	-6.226	-37.728
0.995	102.431											

1422.500	89.079	116.051	175.536	5.342	5.231	5.276	5.482	5.486	5.697	29.128	-6.847	-44.504
0.995	102.296											
1423.000	82.457	97.339	136.827	6.810	6.637	6.706	6.997	7.007	7.309	24.478	-8.473	-46.624
0.999	102.300											
1423.500	76.565	83.021	114.436	7.991	7.855	7.976	8.324	8.344	8.738	20.340	-10.903	-47.151
1.005	102.369											
1424.000	72.756	74.768	112.095	7.904	7.945	8.088	8.450	8.484	8.921	17.666	-13.520	-46.722
1.018	102.356											
1424.500	71.857	73.532	130.607	6.576	6.739	6.893	7.205	7.251	7.657	17.034	-16.215	-41.709
1.028	102.294											
1425.000	73.454	78.263	159.026	5.328	5.501	5.632	5.882	5.937	6.288	18.156	-18.544	-33.997
1.016	102.314											
1425.500	75.751	82.969	172.809	4.917	5.060	5.162	5.386	5.455	5.787	19.769	-19.991	-31.924
0.985	102.445											
1426.000	76.419	82.140	160.495	5.397	5.473	5.539	5.775	5.873	6.231	20.238	-21.094	-34.743
0.962	102.503											
1426.500	74.076	73.896	126.785	7.058	6.991	6.992	7.289	7.448	7.887	18.593	-22.682	-36.054
0.957	102.414											
1427.000	69.129	59.276	87.504	10.650	10.197	10.056	10.563	10.816	11.428	15.119	-25.190	
-33.381	0.974	102.296										
1427.500	63.392	43.565	59.488	16.033	15.003	14.490	15.386	15.868	16.810	11.090	-29.023	
-28.607	1.011	102.275										
1428.000	58.746	32.264	46.877	20.500	19.193	18.257	19.472	20.037	21.332	7.827	-33.845	
-20.857	1.048	102.275										
1428.500	55.827	26.128	45.713	21.199	20.139	19.213	20.317	20.816	21.876	5.777	-38.415	
-10.583	1.070	102.376										
1429.000	54.452	23.696	49.996	19.504	18.875	18.093	18.841	19.203	20.002	4.811	-42.388	
-6.907	1.092	102.688										
1429.500	54.394	23.095	59.721	16.298	16.275	15.535	15.819	16.203	16.745	4.771	-45.613	
-16.185	1.119	103.009										
1430.000	55.568	22.565	81.005	12.168	12.140	11.738	11.700	12.008	12.345	5.596	-48.159	
-28.741	1.137	103.077										
1430.500	57.894	22.770	114.481	9.349	9.062	8.582	8.366	8.585	8.735	7.229	-50.158	-32.122
1.147	102.996											
1431.000	60.653	24.982	139.858	8.529	7.827	7.167	6.902	7.079	7.150	9.166	-51.402	-28.126
1.165	102.971											
1431.500	62.953	28.168	149.959	9.516	7.858	6.909	6.503	6.658	6.668	10.782	-51.651	-26.718
1.178	103.038											
1432.000	64.595	31.644	176.102	10.066	7.131	6.045	5.603	5.701	5.679	11.935	-51.283	
-27.649	1.164	103.126										
1432.500	66.031	36.394	241.987	7.832	5.199	4.432	4.126	4.167	4.132	12.943	-50.628	-28.119
1.139	103.165											
1433.000	67.731	42.195	341.014	5.418	3.608	3.133	2.948	2.960	2.932	14.137	-50.435	-33.376
1.134	103.075											
1433.500	69.637	47.035	434.161	4.185	2.789	2.450	2.323	2.325	2.303	15.475	-51.128	-45.454
1.151	102.940											
1434.000	71.161	49.804	498.976	3.627	2.410	2.127	2.026	2.023	2.004	16.546	-52.254	-57.779
1.172	102.895											
1434.500	71.691	50.127	530.384	3.380	2.257	1.997	1.909	1.904	1.885	16.918	-52.984	-62.386
1.183	102.844											
1435.000	71.426	48.718	521.850	3.393	2.290	2.029	1.945	1.937	1.916	16.732	-52.644	-59.419
1.179	102.697											
1435.500	71.261	49.070	471.953	3.716	2.539	2.247	2.155	2.144	2.119	16.616	-50.641	-53.926
1.168	102.588											

1436.000	72.136	56.365	399.421	4.270	3.003	2.660	2.555	2.537	2.504	17.230	-46.366	-48.531
1.162	102.656											
1436.500	74.643	74.158	335.971	4.678	3.530	3.161	3.047	3.020	2.976	18.991	-39.529	-41.393
1.151	102.668											
1437.000	78.450	97.742	294.144	4.688	3.918	3.592	3.487	3.449	3.400	21.664	-31.212	-36.363
1.119	102.592											
1437.500	82.353	115.805	268.445	4.503	4.132	3.902	3.818	3.773	3.725	24.405	-22.963	
-34.364	1.078	102.588										
1438.000	85.142	122.227	250.076	4.375	4.282	4.150	4.090	4.039	3.999	26.364	-16.533	
-32.582	1.056	102.773										
1438.500	86.280	120.225	234.931	4.360	4.435	4.380	4.338	4.284	4.257	27.163	-12.982	
-30.632	1.055	102.985										
1439.000	86.077	115.658	223.357	4.430	4.571	4.570	4.542	4.488	4.477	27.020	-11.718	
-28.783	1.065	103.034										
1439.500	85.345	113.074	216.545	4.488	4.649	4.675	4.657	4.610	4.618	26.506	-11.479	
-27.393	1.075	102.940										
1440.000	84.698	112.219	212.847	4.540	4.698	4.719	4.711	4.673	4.698	26.052	-11.683	
-25.315	1.082	102.940										
1440.500	84.233	109.530	209.803	4.605	4.731	4.754	4.755	4.729	4.766	25.725	-11.791	
-24.294	1.087	103.075										
1441.000	83.805	106.288	205.513	4.699	4.791	4.829	4.837	4.815	4.866	25.425	-11.955	
-28.233	1.092	103.169										
1441.500	83.397	105.374	198.975	4.842	4.907	4.948	4.973	4.962	5.026	25.138	-12.171	
-33.325	1.098	103.177										
1442.000	83.080	104.975	192.031	4.995	5.043	5.087	5.130	5.131	5.207	24.916	-12.132	
-32.108	1.107	103.177										
1442.500	82.837	105.611	187.081	5.099	5.137	5.185	5.247	5.260	5.345	24.745	-11.859	
-26.554	1.119	103.177										
1443.000	82.531	107.883	181.958	5.212	5.247	5.302	5.381	5.404	5.496	24.530	-11.544	
-22.866	1.128	103.177										
1443.500	81.992	106.837	174.041	5.415	5.455	5.520	5.616	5.647	5.746	24.152	-11.087	
-22.949	1.132	103.177										
1444.000	81.322	102.001	167.052	5.604	5.659	5.737	5.846	5.880	5.986	23.681	-10.879	
-26.102	1.136	103.177										
1444.500	80.994	99.953	167.501	5.548	5.626	5.714	5.828	5.863	5.970	23.451	-10.999	-29.523
1.140	103.173											
1445.000	81.479	101.592	176.364	5.234	5.331	5.424	5.535	5.569	5.670	23.791	-11.053	
-30.896	1.136	103.126										
1445.500	82.854	104.037	189.387	4.853	4.959	5.052	5.155	5.192	5.280	24.757	-10.953	
-30.431	1.122	103.059										
1446.000	84.751	108.570	203.196	4.515	4.623	4.712	4.806	4.844	4.921	26.089	-10.702	
-28.954	1.108	103.059										
1446.500	86.646	113.899	215.514	4.259	4.363	4.445	4.533	4.572	4.640	27.420	-10.193	
-30.129	1.100	103.126										
1447.000	88.122	115.843	223.724	4.110	4.208	4.285	4.368	4.408	4.470	28.456	-9.804	-33.386
1.098	103.165											
1447.500	89.039	115.998	227.785	4.047	4.140	4.210	4.291	4.333	4.390	29.101	-9.576	-32.018
1.101	103.067											
1448.000	89.486	117.367	229.316	4.032	4.117	4.183	4.263	4.306	4.361	29.415	-9.249	-25.325
1.108	102.838											
1448.500	89.577	117.964	228.391	4.062	4.139	4.200	4.282	4.326	4.378	29.478	-8.958	-21.095
1.116	102.703											
1449.000	89.449	116.507	225.585	4.124	4.194	4.253	4.336	4.381	4.433	29.388	-8.659	-23.402
1.124	102.838											

1449.500	89.253	115.132	222.296	4.192	4.259	4.318	4.403	4.447	4.499	29.251	-8.354	-26.113
1.133	103.067											
1450.000	89.097	114.996	219.461	4.249	4.318	4.378	4.462	4.506	4.557	29.141	-8.385	-27.991
1.141	103.169											
1450.500	89.059	116.414	218.532	4.267	4.342	4.401	4.484	4.526	4.576	29.114	-8.585	-31.475
1.149	103.173											
1451.000	89.173	118.893	219.937	4.242	4.321	4.379	4.459	4.499	4.547	29.194	-8.772	-33.376
1.155	103.081											
1451.500	89.361	119.965	222.092	4.207	4.287	4.344	4.420	4.457	4.503	29.326	-9.030	-33.002
1.158	102.832											
1452.000	89.507	117.855	222.937	4.199	4.278	4.335	4.407	4.442	4.486	29.429	-9.139	-33.378
1.162	102.659											
1452.500	89.588	115.353	222.020	4.220	4.303	4.361	4.430	4.463	4.504	29.486	-9.067	-35.255
1.166	102.744											
1453.000	89.688	115.286	221.720	4.223	4.316	4.376	4.441	4.472	4.510	29.556	-8.987	-36.378
1.169	102.946											
1453.500	89.938	116.948	225.088	4.154	4.257	4.319	4.379	4.408	4.443	29.732	-8.830	-34.245
1.169	103.013											
1454.000	90.379	119.046	230.751	4.048	4.158	4.220	4.276	4.303	4.334	30.041	-8.498	-30.367
1.164	102.942											
1454.500	90.913	121.348	234.231	3.990	4.102	4.165	4.217	4.243	4.269	30.416	-8.253	-32.429
1.156	102.801											
1455.000	91.387	122.733	235.277	3.982	4.091	4.154	4.203	4.228	4.250	30.749	-7.865	-36.729
1.150	102.658											
1455.500	91.672	123.465	236.093	3.983	4.083	4.146	4.193	4.217	4.236	30.950	-7.486	-40.020
1.146	102.607											
1456.000	91.753	124.315	236.068	4.000	4.091	4.152	4.198	4.221	4.236	31.006	-7.275	-48.886
1.145	102.648											
1456.500	91.689	125.148	234.331	4.045	4.128	4.187	4.233	4.255	4.267	30.961	-7.126	-58.640
1.146	102.742											
1457.000	91.574	124.992	233.130	4.075	4.155	4.213	4.259	4.280	4.289	30.881	-6.775	-53.630
1.148	102.885											
1457.500	91.531	123.539	234.328	4.058	4.137	4.194	4.240	4.259	4.268	30.850	-6.584	-33.570
1.149	103.071											
1458.000	91.635	123.126	236.167	4.027	4.107	4.164	4.209	4.227	4.234	30.923	-6.421	-18.870
1.150	103.169											
1458.500	91.875	126.195	237.747	4.000	4.081	4.137	4.183	4.200	4.206	31.092	-6.441	-23.789
1.152	103.177											
1459.000	92.178	130.851	240.638	3.952	4.032	4.088	4.133	4.149	4.156	31.305	-6.762	-34.790
1.154	103.177											
1459.500	92.482	132.876	244.528	3.889	3.968	4.022	4.066	4.082	4.090	31.518	-7.287	-36.701
1.151	103.177											
1460.000	92.775	131.458	248.227	3.830	3.907	3.960	4.004	4.019	4.029	31.724	-7.607	-33.658
1.145	103.182											
1460.500	93.103	128.779	252.157	3.767	3.842	3.895	3.939	3.955	3.966	31.954	-7.930	-34.168
1.141	103.229											
1461.000	93.470	128.170	256.124	3.701	3.776	3.830	3.875	3.892	3.904	32.212	-8.242	-37.311
1.136	103.296											
1461.500	93.775	129.700	258.771	3.651	3.729	3.785	3.833	3.849	3.864	32.426	-8.360	-39.423
1.131	103.279											
1462.000	93.960	130.970	259.810	3.622	3.705	3.763	3.814	3.832	3.849	32.556	-8.414	-35.647
1.127	103.212											
1462.500	94.039	130.612	260.419	3.601	3.686	3.748	3.802	3.820	3.840	32.612	-8.399	-27.834
1.127	103.258											

1463.000	94.056	129.510	261.763	3.577	3.660	3.722	3.779	3.798	3.820	32.624	-8.064	-26.458
1.130	103.343											
1463.500	94.074	128.045	262.142	3.574	3.649	3.710	3.771	3.790	3.815	32.636	-7.802	-34.594
1.133	103.343											
1464.000	94.044	126.743	258.257	3.636	3.701	3.760	3.826	3.845	3.872	32.615	-7.643	-45.261
1.134	103.286											
1464.500	93.794	127.148	250.783	3.754	3.810	3.868	3.938	3.957	3.988	32.439	-7.515	-49.671
1.136	103.198											
1465.000	93.164	128.836	242.593	3.888	3.938	3.995	4.069	4.089	4.122	31.997	-7.646	-46.911
1.138	103.081											
1465.500	92.148	128.307	233.248	4.046	4.096	4.153	4.231	4.251	4.287	31.284	-7.979	-43.642
1.140	103.041											
1466.000	90.930	125.305	223.243	4.225	4.278	4.339	4.420	4.440	4.479	30.428	-8.128	-44.741
1.146	103.106											
1466.500	89.888	122.714	217.360	4.331	4.393	4.457	4.540	4.560	4.601	29.697	-8.250	-43.385
1.151	103.200											
1467.000	89.441	122.353	218.551	4.294	4.369	4.436	4.515	4.534	4.576	29.382	-8.099	-37.878
1.150	103.202											
1467.500	89.775	123.645	225.050	4.158	4.245	4.311	4.384	4.403	4.443	29.617	-7.715	-39.922
1.143	103.132											
1468.000	90.709	124.984	233.707	3.997	4.092	4.156	4.222	4.241	4.279	30.273	-7.376	-50.059
1.134	103.042											
1468.500	91.703	124.431	240.230	3.891	3.987	4.048	4.108	4.127	4.163	30.971	-7.192	-54.727
1.126	103.012											
1469.000	92.158	123.439	240.036	3.905	3.999	4.056	4.112	4.132	4.166	31.291	-6.958	-50.421
1.118	103.034											
1469.500	91.865	124.005	233.224	4.034	4.123	4.178	4.232	4.254	4.288	31.085	-6.923	-44.763
1.113	103.034											
1470.000	91.221	124.839	226.550	4.164	4.250	4.305	4.358	4.382	4.414	30.633	-6.928	-42.141
1.114	103.012											
1470.500	91.000	125.180	228.132	4.135	4.222	4.277	4.328	4.354	4.383	30.477	-6.795	-39.940
1.118	103.038											
1471.000	91.784	127.063	240.107	3.920	4.009	4.065	4.112	4.139	4.165	31.028	-6.577	-35.099
1.120	103.044											
1471.500	93.502	132.077	256.861	3.657	3.744	3.800	3.845	3.872	3.893	32.234	-6.181	-29.674
1.115	102.980											
1472.000	95.462	137.026	269.187	3.488	3.571	3.627	3.669	3.697	3.715	33.611	-5.438	-24.621
1.106	103.026											
1472.500	96.907	138.766	272.141	3.456	3.533	3.588	3.631	3.659	3.675	34.626	-4.939	-18.056
1.102	103.111											
1473.000	97.518	137.956	268.842	3.509	3.579	3.633	3.677	3.706	3.720	35.055	-4.957	-15.849
1.109	103.118											
1473.500	97.518	137.464	266.973	3.543	3.607	3.658	3.704	3.733	3.746	35.055	-5.155	-16.435
1.126	103.157											
1474.000	97.350	138.108	269.261	3.517	3.578	3.628	3.674	3.703	3.714	34.937	-5.733	-12.793
1.143	103.241											
1474.500	97.285	138.959	271.826	3.481	3.543	3.594	3.641	3.670	3.679	34.891	-6.420	-4.605
1.154	103.235											
1475.000	97.344	139.914	271.844	3.472	3.540	3.594	3.643	3.670	3.679	34.932	-6.796	-1.819
1.160	103.210											
1475.500	97.451	140.525	270.562	3.478	3.554	3.612	3.662	3.689	3.696	35.007	-7.163	-8.683
1.161	103.255											
1476.000	97.575	139.372	270.176	3.474	3.558	3.618	3.669	3.694	3.701	35.095	-7.508	-16.535
1.158	103.387											

1476.500	97.735	136.544	271.670	3.452	3.538	3.600	3.651	3.674	3.681	35.207	-7.347	-15.812
1.148	103.497											
1477.000	97.932	135.437	274.847	3.413	3.499	3.560	3.610	3.632	3.638	35.346	-7.150	-9.884
1.130	103.416											
1477.500	98.087	136.771	278.434	3.373	3.457	3.516	3.565	3.585	3.592	35.455	-6.779	-4.230
1.101	103.190											
1478.000	98.091	138.513	280.895	3.352	3.430	3.487	3.535	3.554	3.560	35.457	-6.132	0.367
1.074	103.041											
1478.500	97.910	139.340	282.017	3.348	3.419	3.475	3.522	3.539	3.546	35.330	-5.665	1.044
1.060	103.001											
1479.000	97.602	139.222	282.483	3.350	3.416	3.471	3.516	3.533	3.540	35.114	-5.302	-4.646
1.056	103.011											
1479.500	97.258	138.557	281.984	3.362	3.424	3.477	3.523	3.538	3.546	34.872	-4.885	-14.080
1.058	102.993											
1480.000	96.933	138.132	279.415	3.396	3.456	3.509	3.555	3.570	3.579	34.644	-4.714	-19.751
1.069	102.969											
1480.500	96.628	136.474	274.685	3.455	3.516	3.569	3.615	3.630	3.641	34.430	-4.547	-18.996
1.082	103.086											
1481.000	96.340	133.289	269.910	3.515	3.578	3.631	3.678	3.693	3.705	34.228	-4.284	-20.986
1.093	103.347											
1481.500	96.126	131.501	268.096	3.536	3.600	3.654	3.701	3.717	3.730	34.077	-4.137	-27.965
1.104	103.529											
1482.000	96.112	132.368	269.794	3.510	3.576	3.630	3.676	3.693	3.707	34.068	-4.028	-33.154
1.109	103.507											
1482.500	96.379	133.988	272.534	3.469	3.537	3.592	3.637	3.655	3.669	34.255	-3.858	-34.168
1.108	103.461											
1483.000	96.873	135.413	274.420	3.439	3.511	3.565	3.610	3.628	3.644	34.602	-3.822	-32.260
1.107	103.435											
1483.500	97.423	136.425	275.823	3.416	3.492	3.546	3.590	3.609	3.626	34.988	-3.933	-26.060
1.107	103.367											
1484.000	97.830	136.346	277.034	3.399	3.476	3.529	3.573	3.593	3.610	35.274	-4.001	-19.519
1.108	103.350											
1484.500	97.979	136.584	277.593	3.396	3.470	3.522	3.565	3.585	3.602	35.379	-4.192	-15.756
1.108	103.507											
1485.000	97.869	137.696	277.135	3.409	3.477	3.528	3.570	3.590	3.608	35.301	-4.402	-15.820
1.108	103.672											
1485.500	97.575	138.813	275.980	3.431	3.494	3.543	3.584	3.605	3.623	35.095	-4.428	-19.096
1.111	103.672											
1486.000	97.201	139.127	275.030	3.448	3.508	3.556	3.597	3.618	3.636	34.832	-4.497	-24.084
1.116	103.583											
1486.500	96.859	138.820	274.606	3.456	3.515	3.562	3.603	3.624	3.642	34.592	-4.615	-26.723
1.120	103.486											
1487.000	96.638	137.963	274.667	3.456	3.517	3.562	3.603	3.624	3.641	34.437	-4.629	-26.302
1.120	103.347											
1487.500	96.578	137.712	275.386	3.450	3.510	3.554	3.594	3.616	3.631	34.395	-4.748	-24.267
1.119	103.174											
1488.000	96.653	138.383	276.767	3.436	3.495	3.537	3.577	3.599	3.613	34.447	-4.864	-26.960
1.120	103.149											
1488.500	96.800	138.754	278.723	3.416	3.471	3.513	3.553	3.575	3.588	34.550	-4.948	-33.140
1.126	103.380											
1489.000	96.952	137.634	280.816	3.394	3.446	3.488	3.528	3.550	3.561	34.657	-5.199	-32.677
1.130	103.627											
1489.500	97.063	137.122	282.351	3.378	3.427	3.469	3.510	3.531	3.542	34.736	-5.349	-22.427
1.125	103.655											



1490.000	97.124	138.860	283.143	3.368	3.418	3.460	3.501	3.523	3.532	34.778	-5.330	-10.391
1.114	103.612											
1490.500	97.164	140.572	283.191	3.365	3.417	3.460	3.501	3.523	3.531	34.806	-5.293	-1.937
1.107	103.655											
1491.000	97.241	139.557	283.318	3.361	3.415	3.459	3.500	3.522	3.530	34.860	-5.122	0.619
1.110	103.647											
1491.500	97.413	137.054	285.204	3.336	3.391	3.436	3.478	3.500	3.506	34.981	-4.773	1.634
1.116	103.510											
1492.000	97.698	135.806	289.093	3.287	3.344	3.391	3.431	3.453	3.459	35.181	-4.352	5.246
1.119	103.418											
1492.500	98.052	135.904	293.794	3.229	3.290	3.338	3.377	3.398	3.404	35.430	-3.894	5.979
1.121	103.418											
1493.000	98.434	136.511	298.596	3.172	3.236	3.285	3.323	3.344	3.349	35.698	-3.292	1.999
1.122	103.510											
1493.500	98.864	137.735	303.288	3.117	3.185	3.235	3.272	3.293	3.297	36.000	-2.888	-2.077
1.124	103.689											
1494.000	99.386	140.540	307.567	3.069	3.140	3.191	3.227	3.247	3.251	36.366	-2.684	-7.184
1.125	103.832											
1494.500	100.022	143.699	311.250	3.031	3.103	3.154	3.189	3.209	3.213	36.813	-2.439	
-17.192	1.123	103.832										
1495.000	100.721	145.821	314.413	3.003	3.072	3.122	3.158	3.177	3.181	37.304	-2.270	
-28.876	1.118	103.697										
1495.500	101.339	147.040	317.036	2.984	3.047	3.096	3.132	3.151	3.154	37.738	-2.194	
-32.830	1.115	103.612										
1496.000	101.735	147.094	318.481	2.977	3.035	3.082	3.118	3.137	3.140	38.016	-2.107	
-26.631	1.114	103.697										
1496.500	101.868	145.276	318.021	2.988	3.040	3.086	3.124	3.142	3.144	38.109	-2.192	
-19.865	1.116	103.832										
1497.000	101.784	142.747	315.720	3.015	3.064	3.109	3.148	3.165	3.167	38.051	-2.502	
-17.848	1.124	103.852										
1497.500	101.557	141.337	312.772	3.047	3.094	3.139	3.179	3.195	3.197	37.891	-2.789	
-16.427	1.134	103.785										
1498.000	101.213	140.413	309.823	3.080	3.126	3.169	3.210	3.226	3.228	37.650	-3.148	
-12.751	1.140	103.743										
1498.500	100.710	140.572	305.313	3.130	3.175	3.218	3.260	3.274	3.275	37.296	-3.588	-8.293
1.142	103.785											
1499.000	100.025	142.551	298.170	3.212	3.256	3.298	3.341	3.353	3.354	36.815	-4.007	-2.802
1.147	103.852											
1499.500	99.212	144.341	290.350	3.307	3.348	3.390	3.433	3.444	3.444	36.245	-4.459	-0.108
1.153	103.873											
1500.000	98.338	143.622	284.049	3.388	3.428	3.469	3.510	3.522	3.521	35.631	-4.940	-2.944
1.159	103.832											
1500.500	97.425	142.546	278.557	3.459	3.501	3.542	3.581	3.592	3.590	34.990	-5.161	-7.761
1.164	103.693											
1501.000	96.526	142.715	272.174	3.538	3.587	3.630	3.667	3.678	3.674	34.358	-5.226	-8.441
1.168	103.519											
1501.500	95.809	143.111	266.451	3.605	3.666	3.713	3.748	3.759	3.753	33.855	-5.366	-7.260
1.172	103.398											
1502.000	95.555	142.061	265.386	3.607	3.681	3.733	3.766	3.776	3.768	33.676	-5.321	-8.684
1.174	103.393											
1502.500	95.957	141.962	271.063	3.520	3.603	3.659	3.689	3.699	3.689	33.959	-5.255	-9.495
1.172	103.425											
1503.000	96.905	144.700	282.166	3.375	3.461	3.518	3.546	3.556	3.544	34.624	-5.199	-7.466
1.167	103.451											

1503.500	98.038	147.951	294.412	3.234	3.317	3.373	3.399	3.408	3.397	35.420	-4.811	-6.698
1.158	103.493											
1504.000	99.011	148.946	303.044	3.149	3.227	3.279	3.304	3.312	3.300	36.104	-4.417	-7.458
1.147	103.585											
1504.500	99.597	148.718	306.875	3.123	3.193	3.240	3.264	3.272	3.259	36.515	-4.197	-4.961
1.135	103.642											
1505.000	99.608	149.425	307.356	3.138	3.194	3.236	3.259	3.268	3.254	36.522	-3.902	-2.123
1.122	103.676											
1505.500	98.932	150.434	301.902	3.215	3.257	3.294	3.318	3.327	3.312	36.048	-3.721	-2.903
1.112	103.701											
1506.000	97.731	147.866	286.238	3.403	3.437	3.472	3.499	3.508	3.494	35.205	-3.521	-5.241
1.110	103.677											
1506.500	96.571	139.453	268.821	3.617	3.655	3.694	3.723	3.733	3.720	34.390	-2.920	-8.037
1.114	103.609											
1507.000	96.178	131.303	266.879	3.619	3.675	3.719	3.749	3.760	3.747	34.114	-2.184	-10.646
1.112	103.486											
1507.500	96.880	131.096	281.726	3.396	3.470	3.519	3.550	3.560	3.550	34.607	-1.511	-16.857
1.096	103.350											
1508.000	98.282	136.885	297.680	3.187	3.273	3.325	3.356	3.366	3.359	35.591	-0.846	-26.718
1.070	103.413											
1508.500	99.613	140.910	303.520	3.106	3.200	3.256	3.288	3.297	3.295	36.526	-0.598	-32.564
1.047	103.658											
1509.000	100.397	140.997	301.682	3.113	3.211	3.269	3.304	3.312	3.315	37.077	-0.665	
-31.456	1.034	103.797										
1509.500	100.705	140.291	299.273	3.133	3.230	3.288	3.327	3.334	3.341	37.293	-0.691	
-30.220	1.027	103.802										
1510.000	100.950	139.847	301.266	3.113	3.202	3.258	3.300	3.306	3.319	37.465	-0.823	
-27.928	1.032	103.822										
1510.500	101.447	140.014	307.280	3.056	3.133	3.186	3.230	3.236	3.254	37.814	-0.999	
-22.813	1.045	103.839										
1511.000	102.175	140.976	312.770	3.007	3.072	3.120	3.168	3.173	3.197	38.325	-0.995	
-16.041	1.057	103.843										
1511.500	102.868	141.701	314.564	2.997	3.048	3.093	3.145	3.148	3.179	38.812	-1.140	
-13.909	1.063	103.906										
1512.000	102.931	141.171	309.305	3.064	3.095	3.134	3.193	3.197	3.233	38.856	-1.311	
-17.190	1.069	104.019										
1512.500	101.417	138.860	289.581	3.302	3.302	3.336	3.405	3.409	3.453	37.793	-1.322	
-17.448	1.077	104.133										
1513.000	97.799	132.833	250.003	3.866	3.821	3.851	3.938	3.941	4.000	35.252	-1.568	-11.298
1.089	104.210											
1513.500	92.829	122.938	202.346	4.808	4.702	4.734	4.859	4.860	4.942	31.762	-2.100	-7.786
1.110	104.160											
1514.000	88.294	113.518	176.617	5.507	5.366	5.402	5.558	5.558	5.662	28.577	-2.627	-7.634
1.137	104.011											
1514.500	85.682	110.873	183.500	5.260	5.157	5.192	5.338	5.339	5.450	26.743	-3.177	-5.566
1.152	103.916											
1515.000	84.836	113.202	196.337	4.886	4.815	4.847	4.979	4.981	5.093	26.149	-3.506	-2.735
1.148	103.889											
1515.500	84.042	110.826	179.733	5.319	5.250	5.286	5.429	5.435	5.564	25.591	-3.749	-5.850
1.142	103.816											
1516.000	81.790	100.774	139.641	6.836	6.751	6.796	6.978	6.992	7.161	24.010	-4.299	-12.517
1.153	103.797											
1516.500	78.310	89.575	110.161	8.693	8.591	8.623	8.840	8.867	9.078	21.566	-5.310	-11.637
1.165	103.842											

1517.000	75.182	81.368	103.570	9.218	9.167	9.184	9.387	9.433	9.655	19.369	-6.354	-4.180
1.156	103.898											
1517.500	73.845	77.028	112.356	8.398	8.440	8.467	8.633	8.695	8.900	18.431	-7.239	-1.660
1.139	103.946											
1518.000	74.622	79.624	126.826	7.322	7.449	7.503	7.633	7.705	7.885	18.976	-7.768	-0.542
1.127	104.000											
1518.500	76.845	88.722	142.348	6.424	6.614	6.692	6.793	6.866	7.025	20.537	-7.721	8.493
1.110	103.971											
1519.000	79.748	98.776	159.195	5.686	5.904	5.993	6.073	6.144	6.282	22.576	-7.392	17.607
1.087	103.912											
1519.500	82.977	106.268	178.689	5.048	5.261	5.349	5.413	5.479	5.596	24.843	-6.815	18.642
1.072	103.904											
1520.000	86.349	112.677	199.489	4.529	4.720	4.801	4.854	4.919	5.013	27.212	-5.813	17.946
1.064	103.832											
1520.500	89.542	118.171	218.925	4.143	4.311	4.383	4.431	4.494	4.568	29.454	-4.679	16.943
1.058	103.650											
1521.000	92.078	121.659	235.171	3.876	4.021	4.088	4.134	4.194	4.252	31.234	-3.718	6.909
1.054	103.519											
1521.500	93.567	123.605	244.350	3.750	3.878	3.941	3.989	4.047	4.092	32.280	-2.825	-7.567
1.054	103.537											
1522.000	93.983	124.207	242.823	3.793	3.910	3.974	4.025	4.082	4.118	32.572	-2.249	-10.038
1.055	103.583											
1522.500	93.803	123.500	236.005	3.915	4.030	4.098	4.153	4.209	4.237	32.446	-1.986	-2.138
1.061	103.675											
1523.000	93.751	123.695	236.860	3.911	4.024	4.093	4.150	4.202	4.222	32.410	-1.703	0.272
1.076	103.924											
1523.500	94.268	125.984	248.470	3.741	3.845	3.912	3.967	4.012	4.025	32.773	-1.569	-4.227
1.086	104.194											
1524.000	95.231	129.026	260.035	3.591	3.683	3.748	3.801	3.840	3.846	33.449	-1.598	-7.199
1.084	104.274											
1524.500	96.132	131.623	264.285	3.552	3.635	3.699	3.749	3.783	3.784	34.082	-1.548	-10.246
1.079	104.162											
1525.000	96.551	131.069	264.523	3.570	3.643	3.706	3.755	3.783	3.780	34.376	-1.519	-16.191
1.080	104.041											
1525.500	96.432	127.217	263.616	3.606	3.668	3.727	3.775	3.799	3.793	34.292	-1.654	-18.377
1.086	103.926											
1526.000	95.984	124.859	260.445	3.672	3.725	3.780	3.827	3.847	3.840	33.977	-1.587	-15.685
1.092	103.816											
1526.500	95.402	124.968	254.927	3.768	3.815	3.868	3.914	3.932	3.923	33.569	-1.677	-16.049
1.095	103.847											
1527.000	94.707	124.295	247.960	3.881	3.928	3.982	4.026	4.043	4.033	33.081	-1.824	-21.793
1.092	104.055											
1527.500	93.898	121.917	239.784	4.014	4.066	4.121	4.165	4.181	4.170	32.513	-1.747	-27.670
1.086	104.077											
1528.000	93.098	119.523	232.012	4.141	4.204	4.262	4.305	4.320	4.310	31.951	-1.802	-27.364
1.083	103.810											
1528.500	92.467	119.024	228.212	4.201	4.275	4.335	4.377	4.391	4.382	31.508	-2.001	-23.492
1.083	103.628											
1529.000	92.063	121.735	228.536	4.189	4.271	4.331	4.371	4.383	4.376	31.224	-2.100	-22.637
1.083	103.645											
1529.500	91.808	124.591	228.429	4.192	4.275	4.335	4.372	4.383	4.378	31.045	-2.246	-21.293
1.079	103.743											
1530.000	91.587	125.217	225.872	4.244	4.325	4.385	4.421	4.431	4.427	30.889	-2.334	-13.968
1.076	103.949											

1530.500	91.407	125.011	224.383	4.277	4.355	4.413	4.449	4.458	4.457	30.763	-2.122	-10.319
1.078	104.200											
1531.000	91.419	124.776	226.406	4.238	4.314	4.371	4.407	4.415	4.417	30.772	-1.976	-14.068
1.085	104.136											
1531.500	91.745	123.826	230.465	4.156	4.232	4.290	4.328	4.335	4.339	31.001	-1.962	-15.490
1.096	103.824											
1532.000	92.343	123.740	234.593	4.071	4.150	4.209	4.249	4.256	4.263	31.420	-1.935	-8.430
1.103	103.612											
1532.500	93.021	125.570	237.830	4.004	4.085	4.146	4.188	4.196	4.205	31.897	-2.088	-2.095
1.104	103.671											
1533.000	93.583	127.511	240.193	3.958	4.037	4.099	4.143	4.152	4.163	32.291	-2.324	-2.030
1.103	103.747											
1533.500	93.938	127.796	241.702	3.933	4.006	4.066	4.114	4.123	4.137	32.541	-2.367	-0.238
1.101	103.619											
1534.000	94.116	127.555	241.973	3.933	3.996	4.055	4.106	4.115	4.133	32.666	-2.540	7.376
1.102	103.510											
1534.500	94.219	127.426	240.902	3.958	4.011	4.066	4.121	4.130	4.151	32.738	-2.690	12.113
1.105	103.767											
1535.000	94.277	126.946	239.412	3.992	4.035	4.085	4.144	4.153	4.177	32.779	-2.568	7.903
1.105	104.233											
1535.500	94.038	126.479	237.940	4.029	4.060	4.105	4.167	4.175	4.203	32.611	-2.381	3.428
1.102	104.413											
1536.000	93.131	126.566	232.136	4.146	4.163	4.202	4.269	4.275	4.308	31.974	-2.155	5.105
1.098	104.231											
1536.500	91.381	124.467	216.962	4.453	4.457	4.492	4.565	4.570	4.609	30.745	-1.900	9.408
1.098	103.935											
1537.000	89.040	118.268	197.421	4.903	4.902	4.933	5.014	5.018	5.065	29.101	-1.965	8.986
1.111	103.808											
1537.500	86.858	111.329	184.992	5.226	5.231	5.262	5.348	5.352	5.406	27.569	-2.178	5.904
1.124	103.870											
1538.000	85.623	107.159	181.495	5.304	5.329	5.361	5.448	5.453	5.510	26.701	-2.435	4.449
1.121	103.840											
1538.500	85.618	105.241	182.895	5.237	5.281	5.318	5.402	5.409	5.468	26.698	-2.718	-1.720
1.113	103.710											
1539.000	86.499	105.707	188.653	5.059	5.113	5.154	5.232	5.242	5.301	27.317	-3.016	-12.145
1.114	103.812											
1539.500	87.568	108.447	195.684	4.877	4.925	4.966	5.040	5.051	5.110	28.067	-3.100	-14.261
1.113	104.023											
1540.000	88.145	110.272	197.200	4.854	4.886	4.925	4.997	5.010	5.071	28.472	-3.151	-10.328
1.101	103.938											
1540.500	87.987	109.309	192.670	4.989	5.002	5.037	5.111	5.126	5.190	28.362	-3.321	-13.473
1.089	103.718											
1541.000	87.309	107.479	187.687	5.139	5.136	5.166	5.244	5.260	5.328	27.885	-3.570	-20.777
1.078	103.849											
1541.500	86.380	106.252	184.514	5.238	5.224	5.251	5.333	5.349	5.420	27.233	-4.188	-24.371
1.067	104.156											
1542.000	85.374	104.871	180.633	5.351	5.333	5.360	5.446	5.463	5.536	26.527	-5.141	-23.857
1.060	104.183											
1542.500	84.445	103.127	174.952	5.510	5.501	5.532	5.624	5.640	5.716	25.874	-6.124	-21.180
1.054	104.005											
1543.000	83.671	102.066	169.168	5.669	5.684	5.722	5.817	5.834	5.911	25.331	-7.121	-20.152
1.048	103.978											
1543.500	82.944	100.794	164.534	5.786	5.837	5.885	5.983	6.000	6.078	24.820	-8.070	-17.744
1.048	104.110											

1544.000	82.200	99.380	160.040	5.895	5.994	6.055	6.153	6.170	6.248	24.298	-8.564	-11.805
1.047	104.290											
1544.500	81.550	97.494	154.578	6.039	6.199	6.275	6.374	6.391	6.469	23.841	-8.738	-9.485
1.039	104.467											
1545.000	81.345	95.540	153.693	6.005	6.227	6.318	6.413	6.430	6.506	23.697	-8.637	-11.922
1.035	104.540											
1545.500	82.158	96.197	165.037	5.537	5.790	5.889	5.973	5.990	6.059	24.268	-8.123	-12.709
1.038	104.481											
1546.000	84.176	102.232	183.982	4.947	5.191	5.286	5.358	5.376	5.435	25.686	-7.497	-8.153
1.036	104.438											
1546.500	86.809	110.968	198.832	4.587	4.805	4.894	4.958	4.977	5.029	27.534	-7.048	-3.126
1.026	104.481											
1547.000	89.061	118.631	206.684	4.442	4.628	4.710	4.771	4.791	4.838	29.116	-6.523	-2.716
1.019	104.540											
1547.500	90.225	122.931	208.387	4.446	4.599	4.672	4.734	4.755	4.799	29.933	-6.171	-3.639
1.017	104.446											
1548.000	90.212	121.820	204.641	4.570	4.693	4.757	4.823	4.844	4.887	29.924	-6.094	-0.949
1.017	104.244											
1548.500	89.542	116.358	199.326	4.725	4.823	4.881	4.953	4.975	5.017	29.454	-5.882	2.551
1.020	104.201											
1549.000	88.893	111.042	196.528	4.807	4.891	4.947	5.026	5.048	5.088	28.998	-5.707	3.728
1.025	104.378											
1549.500	88.544	109.703	195.914	4.817	4.900	4.959	5.044	5.065	5.104	28.753	-5.606	2.893
1.029	104.540											
1550.000	88.387	111.665	194.799	4.828	4.916	4.983	5.074	5.095	5.134	28.643	-5.241	1.310
1.028	104.569											
1550.500	88.165	112.822	192.327	4.870	4.967	5.044	5.140	5.161	5.199	28.487	-5.078	-6.718
1.023	104.565											
1551.000	87.710	111.088	189.832	4.919	5.023	5.107	5.208	5.228	5.268	28.167	-5.337	-18.281
1.018	104.476											
1551.500	87.156	108.742	189.226	4.925	5.033	5.120	5.223	5.243	5.285	27.778	-5.630	-24.847
1.016	104.253											
1552.000	86.807	107.555	191.260	4.868	4.975	5.062	5.166	5.185	5.228	27.533	-5.954	-23.883
1.016	104.097											
1552.500	86.675	108.168	193.009	4.822	4.928	5.012	5.116	5.135	5.181	27.441	-6.141	-25.071
1.027	104.160											
1553.000	86.399	109.841	191.154	4.870	4.973	5.055	5.161	5.181	5.231	27.246	-5.973	-29.179
1.049	104.296											
1553.500	85.654	109.840	185.525	5.023	5.122	5.202	5.313	5.334	5.390	26.723	-5.926	-32.128
1.067	104.317											
1554.000	84.553	107.371	178.144	5.237	5.332	5.411	5.528	5.549	5.613	25.950	-6.349	-36.587
1.065	104.244											
1554.500	83.525	105.212	172.726	5.406	5.496	5.573	5.696	5.717	5.790	25.228	-6.729	-40.633
1.050	104.176											
1555.000	82.921	103.562	170.405	5.479	5.565	5.641	5.767	5.789	5.868	24.804	-6.988	-36.798
1.034	104.240											
1555.500	82.708	100.370	166.987	5.582	5.671	5.751	5.879	5.901	5.988	24.655	-7.150	-26.407
1.027	104.415											
1556.000	82.529	95.893	161.224	5.758	5.865	5.952	6.083	6.107	6.203	24.529	-7.183	-18.224
1.030	104.526											
1556.500	82.252	92.450	159.557	5.787	5.916	6.010	6.140	6.165	6.267	24.334	-7.543	-14.216
1.034	104.534											
1557.000	82.239	92.038	166.022	5.533	5.676	5.773	5.894	5.922	6.023	24.325	-8.300	-8.809
1.029	104.543											

1557.500	83.002	95.304	177.058	5.172	5.317	5.410	5.521	5.551	5.648	24.861	-8.790	-2.276
1.017	104.637											
1558.000	84.770	101.763	188.897	4.846	4.983	5.068	5.169	5.201	5.294	26.102	-8.581	-0.260
1.017	104.775											
1558.500	87.079	109.705	199.938	4.590	4.710	4.785	4.880	4.912	5.002	27.724	-7.728	-1.965
1.029	104.818											
1559.000	88.876	116.054	205.371	4.494	4.589	4.654	4.748	4.780	4.869	28.986	-6.338	0.660
1.038	104.712											
1559.500	89.247	117.209	199.815	4.654	4.721	4.779	4.878	4.912	5.005	29.247	-5.080	6.618
1.037	104.661											
1560.000	88.045	113.583	184.604	5.071	5.114	5.168	5.280	5.317	5.417	28.402	-4.519	5.183
1.035	104.720											
1560.500	85.979	108.936	170.069	5.525	5.549	5.604	5.731	5.771	5.880	26.951	-4.380	-3.715
1.045	104.669											
1561.000	84.175	106.331	164.432	5.718	5.733	5.790	5.929	5.970	6.082	25.685	-4.669	-8.524
1.059	104.542											
1561.500	83.328	105.161	165.020	5.689	5.704	5.766	5.909	5.950	6.060	25.090	-5.306	-5.599
1.065	104.497											
1562.000	83.170	103.028	166.021	5.644	5.663	5.730	5.875	5.916	6.023	24.979	-5.708	-0.370
1.063	104.518											
1562.500	82.910	99.473	163.279	5.739	5.759	5.829	5.976	6.018	6.125	24.796	-5.835	2.669
1.056	104.502											
1563.000	81.942	95.551	153.455	6.122	6.141	6.209	6.363	6.406	6.517	24.117	-6.032	4.225
1.046	104.418											
1563.500	80.281	91.026	139.041	6.778	6.802	6.866	7.027	7.074	7.192	22.950	-5.862	0.969
1.041	104.375											
1564.000	78.561	86.338	128.164	7.361	7.410	7.468	7.630	7.680	7.802	21.742	-5.909	-8.171
1.031	104.551											
1564.500	77.456	83.562	123.927	7.582	7.685	7.743	7.895	7.951	8.069	20.966	-6.117	-15.718
1.023	104.861											
1565.000	77.302	83.620	126.021	7.390	7.564	7.635	7.767	7.828	7.935	20.858	-5.925	-16.111
1.036	104.994											
1565.500	78.191	86.655	134.566	6.846	7.079	7.168	7.277	7.342	7.431	21.482	-5.382	-13.063
1.057	104.904											
1566.000	80.088	92.792	149.131	6.127	6.383	6.485	6.570	6.636	6.706	22.815	-4.574	-8.547
1.056	104.817											
1566.500	82.859	100.693	169.362	5.380	5.622	5.725	5.789	5.853	5.905	24.761	-3.361	0.664
1.041	104.909											
1567.000	86.268	107.751	193.203	4.729	4.937	5.031	5.081	5.140	5.176	27.154	-2.277	12.825
1.034	105.037											
1567.500	89.871	113.493	216.162	4.251	4.423	4.507	4.548	4.602	4.626	29.685	-1.438	18.970
1.033	104.927											
1568.000	93.045	118.519	234.386	3.948	4.090	4.165	4.201	4.252	4.266	31.914	-0.551	17.228
1.034	104.686											
1568.500	95.326	122.847	245.487	3.795	3.915	3.983	4.018	4.066	4.074	33.515	0.001	19.000
1.035	104.548											
1569.000	96.554	124.994	249.528	3.755	3.860	3.924	3.961	4.006	4.008	34.378	0.256	23.675
1.035	104.506											
1569.500	96.904	124.977	249.928	3.766	3.860	3.922	3.961	4.004	4.001	34.624	0.314	20.178
1.035	104.485											
1570.000	96.824	124.710	251.114	3.760	3.847	3.907	3.949	3.989	3.982	34.567	0.081	10.657
1.033	104.536											
1570.500	96.747	124.896	254.773	3.713	3.795	3.854	3.899	3.935	3.925	34.513	-0.312	3.601
1.028	104.667											

1571.000	96.917	124.444	259.339	3.652	3.730	3.790	3.835	3.868	3.856	34.633	-0.418	-0.355
1.024	104.703											
1571.500	97.323	124.475	263.115	3.600	3.678	3.739	3.785	3.813	3.801	34.918	-0.507	-5.322
1.022	104.682											
1572.000	97.785	126.793	265.862	3.565	3.641	3.703	3.749	3.774	3.761	35.242	-0.538	-8.189
1.022	104.745											
1572.500	98.104	128.936	267.336	3.549	3.623	3.684	3.731	3.753	3.741	35.466	-0.402	-7.881
1.020	104.884											
1573.000	98.154	128.018	266.653	3.564	3.635	3.694	3.742	3.761	3.750	35.501	-0.268	-8.840
1.018	105.015											
1573.500	97.923	126.515	263.599	3.613	3.678	3.737	3.785	3.803	3.794	35.339	-0.151	-11.829
1.023	105.066											
1574.000	97.465	126.394	259.000	3.684	3.744	3.801	3.851	3.868	3.861	35.018	0.102	-10.301
1.028	104.869											
1574.500	96.882	125.351	253.715	3.764	3.822	3.878	3.930	3.946	3.941	34.608	0.179	-4.948
1.025	104.586											
1575.000	96.284	123.655	248.742	3.841	3.896	3.953	4.006	4.022	4.020	34.188	-0.007	-2.696
1.015	104.586											
1575.500	95.777	123.570	245.253	3.896	3.949	4.006	4.062	4.076	4.077	33.832	-0.092	-3.854
1.008	104.760											
1576.000	95.426	123.843	243.712	3.919	3.972	4.030	4.086	4.098	4.103	33.586	-0.217	-4.581
1.006	104.785											
1576.500	95.198	123.951	243.567	3.920	3.973	4.031	4.086	4.098	4.106	33.425	-0.396	-7.341
1.011	104.645											
1577.000	95.012	124.909	243.334	3.923	3.978	4.035	4.088	4.099	4.110	33.295	-0.396	-17.534
1.019	104.573											
1577.500	94.806	125.472	241.696	3.949	4.007	4.062	4.114	4.125	4.137	33.150	-0.484	-28.533
1.028	104.539											
1578.000	94.608	124.777	239.791	3.978	4.041	4.094	4.145	4.156	4.170	33.012	-0.608	-27.573
1.033	104.362											
1578.500	94.532	124.754	240.209	3.966	4.035	4.086	4.136	4.148	4.163	32.958	-0.480	-17.375
1.034	104.210											
1579.000	94.654	125.361	242.785	3.919	3.992	4.042	4.091	4.103	4.119	33.044	-0.203	-11.369
1.039	104.463											
1579.500	94.938	125.032	244.763	3.881	3.958	4.009	4.058	4.070	4.086	33.243	0.036	-10.218
1.048	104.936											
1580.000	95.251	123.745	245.286	3.866	3.948	3.999	4.049	4.061	4.077	33.463	0.392	-9.451
1.055	105.215											
1580.500	95.483	123.080	245.794	3.855	3.938	3.990	4.040	4.053	4.068	33.625	0.498	-7.788
1.060	105.264											
1581.000	95.580	123.564	246.584	3.845	3.925	3.976	4.027	4.040	4.055	33.694	0.402	-7.154
1.063	105.264											
1581.500	95.508	124.852	246.045	3.861	3.934	3.985	4.036	4.049	4.064	33.643	0.294	-7.181
1.065	105.264											
1582.000	95.250	125.150	242.834	3.922	3.987	4.037	4.090	4.102	4.118	33.462	0.082	-6.640
1.069	105.215											
1582.500	94.860	123.112	237.945	4.010	4.069	4.119	4.174	4.187	4.203	33.188	-0.244	-6.859
1.074	104.945											
1583.000	94.496	120.400	234.786	4.067	4.123	4.173	4.230	4.243	4.259	32.933	-0.417	-12.186
1.073	104.590											
1583.500	94.361	120.935	235.946	4.044	4.100	4.151	4.208	4.221	4.238	32.838	-0.649	-18.837
1.065	104.586											
1584.000	94.526	124.172	239.680	3.975	4.033	4.084	4.142	4.155	4.172	32.954	-0.869	-18.803
1.054	104.885											

1584.500	94.858	125.099	241.830	3.933	3.993	4.045	4.104	4.117	4.135	33.187	-0.949	-11.179
1.045	104.953											
1585.000	95.137	123.363	241.157	3.939	4.001	4.054	4.114	4.127	4.147	33.383	-1.110	-2.870
1.036	104.691											
1585.500	95.231	122.959	239.776	3.958	4.022	4.075	4.136	4.150	4.171	33.449	-1.282	0.894
1.030	104.539											
1586.000	95.148	124.426	239.787	3.957	4.021	4.073	4.135	4.149	4.170	33.391	-1.268	0.836
1.028	104.721											
1586.500	94.986	124.723	240.545	3.945	4.006	4.058	4.121	4.135	4.157	33.277	-1.231	-3.080
1.031	105.035											
1587.000	94.812	123.353	239.508	3.961	4.022	4.073	4.138	4.152	4.175	33.155	-1.176	-10.618
1.036	105.168											
1587.500	94.637	122.525	236.514	4.007	4.071	4.124	4.190	4.205	4.228	33.031	-1.066	-13.000
1.037	105.087											
1588.000	94.472	123.539	234.202	4.041	4.109	4.164	4.232	4.246	4.270	32.916	-0.938	-8.781
1.033	104.875											
1588.500	94.346	125.914	233.942	4.041	4.112	4.169	4.238	4.251	4.275	32.827	-0.885	-11.514
1.029	104.579											
1589.000	94.271	128.089	235.159	4.020	4.093	4.149	4.217	4.230	4.252	32.775	-0.687	-25.552
1.030	104.474											
1589.500	94.238	129.043	236.789	3.999	4.069	4.123	4.190	4.201	4.223	32.752	-0.532	-36.656
1.035	104.703											
1590.000	94.216	127.945	237.942	3.993	4.056	4.106	4.171	4.181	4.203	32.736	-0.640	-36.586
1.040	104.936											
1590.500	94.169	126.408	238.427	4.004	4.057	4.101	4.163	4.173	4.194	32.703	-0.796	-35.485
1.044	104.975											
1591.000	94.107	126.246	238.063	4.030	4.072	4.111	4.171	4.179	4.201	32.659	-1.010	-39.300
1.046	104.980											
1591.500	94.046	125.703	236.530	4.073	4.106	4.140	4.198	4.206	4.228	32.616	-1.367	-37.308
1.046	105.004											
1592.000	93.989	122.253	234.802	4.112	4.140	4.171	4.228	4.236	4.259	32.577	-1.568	-27.131
1.044	105.042											
1592.500	93.956	119.163	234.535	4.115	4.145	4.176	4.232	4.240	4.264	32.553	-1.751	-20.557
1.045	105.105											
1593.000	93.956	120.114	235.494	4.088	4.125	4.159	4.214	4.222	4.246	32.554	-1.929	-18.221
1.049	105.125											
1593.500	93.993	122.391	236.357	4.057	4.105	4.143	4.197	4.205	4.231	32.579	-1.820	-10.662
1.052	105.146											
1594.000	94.071	121.498	237.127	4.025	4.088	4.129	4.183	4.190	4.217	32.634	-1.557	0.491
1.055	105.209											
1594.500	94.174	118.900	238.408	3.990	4.063	4.107	4.160	4.167	4.194	32.706	-1.344	1.445
1.058	105.209											
1595.000	94.289	118.246	239.919	3.960	4.038	4.083	4.134	4.140	4.168	32.787	-1.142	-6.761
1.059	105.146											
1595.500	94.452	119.941	241.117	3.943	4.020	4.065	4.114	4.119	4.147	32.902	-1.105	-8.301
1.056	105.142											
1596.000	94.714	122.932	242.708	3.927	3.997	4.042	4.089	4.092	4.120	33.085	-1.190	-0.931
1.053	105.141											
1596.500	95.066	126.084	245.719	3.891	3.951	3.996	4.041	4.043	4.070	33.333	-1.194	2.939
1.049	105.050											
1597.000	95.440	127.112	249.297	3.847	3.899	3.942	3.986	3.987	4.011	33.596	-1.181	2.608
1.044	104.985											
1597.500	95.713	127.055	251.116	3.831	3.874	3.917	3.959	3.959	3.982	33.787	-1.315	5.473
1.040	105.116											



1598.000	95.790	127.637	250.686	3.849	3.885	3.928	3.968	3.968	3.989	33.841	-1.353	7.855
1.040	105.344											
1598.500	95.707	127.602	249.885	3.873	3.904	3.943	3.982	3.982	4.002	33.783	-1.312	5.527
1.040	105.483											
1599.000	95.631	127.825	249.380	3.892	3.918	3.954	3.992	3.991	4.010	33.730	-1.323	3.377
1.038	105.488											
1599.500	95.585	128.538	247.300	3.934	3.958	3.990	4.027	4.026	4.044	33.697	-1.282	2.275
1.036	105.400											
1600.000	95.018	126.799	240.608	4.049	4.074	4.105	4.141	4.140	4.156	33.299	-1.442	-4.139
1.031	105.240											
1600.500	92.799	121.863	224.472	4.340	4.372	4.406	4.442	4.440	4.455	31.741	-2.446	-14.820
1.024	105.007											
1601.000	88.577	114.352	194.383	4.977	5.050	5.099	5.133	5.131	5.144	28.776	-4.745	-17.159
1.018	104.821											
1601.500	84.056	100.930	161.340	5.891	6.091	6.168	6.191	6.191	6.198	25.601	-8.466	-11.932
1.024	104.724											
1602.000	81.797	88.364	154.555	5.978	6.367	6.469	6.471	6.469	6.470	24.015	-12.417	-8.699
1.042	104.657											
1602.500	83.092	89.341	187.073	4.812	5.258	5.345	5.348	5.341	5.345	24.924	-15.100	-7.710
1.035	104.635											
1603.000	86.569	99.942	232.348	3.888	4.266	4.337	4.317	4.305	4.304	27.366	-16.236	-6.037
0.972	104.842											
1603.500	89.035	105.032	245.078	3.773	4.094	4.145	4.103	4.088	4.080	29.098	-16.142	-5.504
0.905	105.200											
1604.000	88.545	104.421	229.143	4.184	4.438	4.469	4.399	4.379	4.364	28.754	-15.238	-6.737
0.890	105.386											
1604.500	85.959	106.495	220.650	4.539	4.705	4.683	4.583	4.556	4.532	26.937	-14.773	
-10.726	0.903	105.285										
1605.000	83.493	108.552	235.302	4.466	4.519	4.439	4.314	4.280	4.250	25.206	-15.340	
-15.696	0.907	105.231										
1605.500	82.376	105.829	262.122	4.216	4.132	4.008	3.882	3.846	3.815	24.421	-16.392	
-17.196	0.906	105.413										
1606.000	82.272	101.876	287.461	4.045	3.831	3.674	3.547	3.510	3.479	24.348	-17.811	
-17.049	0.909	105.544										
1606.500	81.974	98.391	304.728	4.039	3.681	3.487	3.354	3.314	3.282	24.139	-20.167	-16.935
0.915	105.480											
1607.000	80.567	90.188	311.079	4.225	3.686	3.441	3.296	3.250	3.215	23.151	-22.794	-15.033
0.940	105.387											
1607.500	77.984	76.742	305.829	4.627	3.847	3.532	3.364	3.309	3.270	21.337	-25.465	-11.369
0.989	105.366											
1608.000	74.343	64.179	282.837	5.490	4.307	3.872	3.657	3.585	3.536	18.780	-28.143	-10.974
1.023	105.341											
1608.500	70.256	54.700	237.432	7.577	5.438	4.728	4.397	4.286	4.212	15.910	-29.760	-11.790
1.028	105.371											
1609.000	67.035	46.042	196.754	10.874	7.035	5.887	5.368	5.194	5.082	13.648	-29.779	
-11.928	1.041	105.409										
1609.500	65.848	41.792	187.178	11.333	7.501	6.261	5.668	5.468	5.343	12.815	-28.741	
-11.192	1.077	105.433										
1610.000	67.171	48.118	206.867	8.504	6.429	5.575	5.101	4.937	4.834	13.744	-27.138	-15.942
1.090	105.492											
1610.500	70.387	60.418	229.412	6.675	5.533	4.952	4.575	4.444	4.359	16.002	-25.415	-20.168
1.066	105.630											
1611.000	74.191	71.082	235.783	5.988	5.261	4.793	4.442	4.322	4.241	18.673	-23.336	-17.672
1.051	105.762											

1611.500	77.607	81.405	241.964	5.447	5.026	4.645	4.319	4.211	4.133	21.072	-20.726	-11.463
1.050	105.724											
1612.000	80.472	93.007	254.702	4.875	4.667	4.373	4.089	3.999	3.926	23.084	-18.626	-7.090
1.027	105.502											
1612.500	83.241	104.528	263.166	4.536	4.440	4.203	3.948	3.871	3.800	25.029	-16.470	-6.174
0.984	105.281											
1613.000	86.255	117.673	267.440	4.349	4.312	4.114	3.877	3.811	3.739	27.145	-14.061	-6.929
0.955	105.248											
1613.500	89.053	129.332	280.393	4.065	4.048	3.890	3.688	3.635	3.566	29.110	-12.272	-7.800
0.932	105.357											
1614.000	90.383	130.249	310.988	3.612	3.580	3.464	3.311	3.273	3.216	30.044	-12.022	
-10.778	0.910	105.512										
1614.500	89.367	118.066	352.735	3.169	3.103	3.015	2.907	2.881	2.835	29.331	-14.041	
-11.724	0.904	105.694										
1615.000	86.493	99.368	379.453	2.962	2.858	2.781	2.696	2.676	2.635	27.312	-18.676	-6.646
0.911	105.858											
1615.500	83.429	82.980	371.285	3.069	2.920	2.835	2.755	2.737	2.693	25.161	-23.478	-3.606
0.929	105.952											
1616.000	82.017	78.206	334.656	3.455	3.259	3.150	3.061	3.042	2.988	24.169	-25.036	-2.699
0.952	105.919											
1616.500	83.023	88.997	292.517	3.961	3.753	3.615	3.511	3.488	3.419	24.876	-22.668	3.553
0.961	105.784											
1617.000	85.866	109.749	263.321	4.323	4.180	4.023	3.906	3.881	3.798	26.872	-17.745	
11.394	0.946	105.658										
1617.500	89.165	129.122	251.888	4.385	4.357	4.205	4.081	4.057	3.970	29.189	-12.534	
13.990	0.922	105.608										
1618.000	91.496	138.385	257.099	4.206	4.247	4.112	3.988	3.970	3.890	30.826	-9.588	13.564
0.910	105.612											
1618.500	91.890	135.643	273.844	3.984	3.992	3.855	3.732	3.719	3.652	31.103	-10.015	
15.212	0.907	105.536										
1619.000	90.032	125.562	296.459	3.856	3.723	3.561	3.437	3.427	3.373	29.798	-12.675	
18.096	0.911	105.401										
1619.500	86.540	114.124	330.497	3.738	3.388	3.194	3.075	3.066	3.026	27.346	-17.282	
18.238	0.924	105.207										
1620.000	82.760	104.901	376.776	3.579	3.012	2.797	2.692	2.682	2.654	24.691	-23.570	
16.894	0.946	105.003										
1620.500	79.815	96.356	420.258	3.504	2.736	2.505	2.409	2.400	2.379	22.623	-30.476	17.787
0.980	105.024											
1621.000	78.033	84.893	452.175	3.530	2.574	2.327	2.236	2.228	2.212	21.371	-37.226	17.853
1.025	105.362											
1621.500	77.186	71.509	472.549	3.589	2.486	2.224	2.138	2.130	2.116	20.777	-42.783	12.589
1.060	105.591											
1622.000	76.799	61.265	478.416	3.680	2.469	2.194	2.111	2.102	2.090	20.505	-46.070	7.638
1.074	105.515											
1622.500	76.565	54.923	471.700	3.767	2.505	2.220	2.140	2.130	2.120	20.340	-47.150	8.026
1.080	105.515											
1623.000	76.642	50.872	454.749	3.827	2.586	2.296	2.220	2.208	2.199	20.395	-46.672	7.519
1.085	105.599											
1623.500	77.319	51.366	420.381	4.002	2.779	2.477	2.401	2.386	2.379	20.870	-44.423	-0.302
1.084	105.505											
1624.000	78.633	58.633	372.056	4.325	3.118	2.792	2.712	2.693	2.688	21.793	-39.838	-9.446
1.076	105.462											
1624.500	80.198	73.154	335.672	4.437	3.404	3.082	3.004	2.981	2.979	22.892	-33.193	-13.028
1.057	105.682											

1625.000	81.429	89.159	325.031	4.147	3.426	3.162	3.099	3.073	3.077	23.756	-26.528	-14.243
1.010	105.869											
1625.500	82.247	94.435	319.702	3.912	3.406	3.196	3.145	3.118	3.128	24.331	-22.157	-16.957
0.960	105.784											
1626.000	83.194	87.542	296.966	4.034	3.621	3.428	3.380	3.349	3.367	24.996	-20.247	-20.170
0.952	105.691											
1626.500	84.794	86.912	269.085	4.315	3.970	3.774	3.723	3.686	3.716	26.119	-19.137	-21.753
0.975	105.674											
1627.000	86.632	102.591	254.159	4.443	4.185	3.991	3.935	3.896	3.935	27.410	-17.314	
-21.237	0.964	105.579										
1627.500	87.356	118.641	245.567	4.534	4.324	4.126	4.066	4.024	4.072	27.918	-14.395	
-22.340	0.918	105.436										
1628.000	86.022	119.010	242.943	4.620	4.377	4.167	4.102	4.061	4.116	26.982	-12.304	
-26.520	0.894	105.334										
1628.500	83.002	107.729	255.896	4.497	4.157	3.949	3.886	3.854	3.908	24.861	-12.756	
-26.926	0.903	105.249										
1629.000	79.388	94.706	274.770	4.354	3.875	3.669	3.614	3.590	3.639	22.323	-15.775	-22.978
0.917	105.273											
1629.500	76.041	79.845	275.937	4.575	3.871	3.643	3.592	3.574	3.624	19.972	-20.247	-22.339
0.944	105.389											
1630.000	73.523	62.526	253.665	5.305	4.232	3.948	3.897	3.882	3.942	18.204	-25.054	-22.237
0.998	105.482											
1630.500	72.400	49.529	229.661	6.052	4.662	4.333	4.291	4.281	4.354	17.416	-28.639	-17.945
1.062	105.606											
1631.000	73.677	50.432	226.427	5.795	4.640	4.369	4.344	4.343	4.416	18.313	-29.708	-11.967
1.105	105.708											
1631.500	78.221	68.187	245.819	4.754	4.151	3.996	4.000	4.007	4.068	21.503	-27.552	-8.321
1.098	105.645											
1632.000	85.198	95.469	269.938	3.911	3.680	3.619	3.643	3.655	3.705	26.403	-23.235	-5.287
1.033	105.611											
1632.500	92.139	119.859	283.375	3.474	3.431	3.423	3.464	3.480	3.529	31.277	-18.527	0.121
0.950	105.763											
1633.000	96.487	133.963	282.467	3.322	3.371	3.409	3.470	3.488	3.540	34.331	-15.169	1.488
0.891	105.898											
1633.500	97.147	138.369	263.903	3.475	3.559	3.631	3.711	3.735	3.789	34.794	-13.662	-4.982
0.868	105.872											
1634.000	95.085	137.536	236.801	3.841	3.930	4.031	4.133	4.163	4.223	33.346	-13.221	-9.815
0.876	105.809											
1634.500	92.519	136.439	224.639	4.035	4.113	4.238	4.355	4.389	4.452	31.544	-13.105	
-10.062	0.893	105.784										
1635.000	91.147	137.330	229.302	3.926	3.999	4.143	4.265	4.302	4.361	30.581	-12.711	
-12.617	0.892	105.809										
1635.500	91.025	140.492	232.797	3.807	3.906	4.076	4.201	4.239	4.296	30.495	-11.694	
-13.464	0.882	105.872										
1636.000	91.451	144.060	227.637	3.770	3.957	4.167	4.297	4.338	4.393	30.794	-10.942	-8.223
0.880	105.939											
1636.500	92.435	145.891	226.134	3.609	3.945	4.198	4.328	4.370	4.422	31.485	-11.025	-2.950
0.879	105.956											
1637.000	94.739	143.718	244.857	3.141	3.612	3.882	4.000	4.039	4.084	33.103	-12.383	-6.050
0.870	105.905											
1637.500	98.923	136.864	290.153	2.523	3.031	3.284	3.380	3.411	3.446	36.042	-14.750	
-11.899	0.854	105.790										
1638.000	104.348	128.478	337.859	2.106	2.599	2.829	2.906	2.932	2.960	39.851	-17.047	
-9.173	0.837	105.723										

1638.500	108.870	123.353	357.049	1.983	2.470	2.687	2.755	2.777	2.801	43.027	-18.237	
-3.417	0.824	105.786										
1639.000	110.256	121.431	347.856	2.074	2.561	2.770	2.834	2.853	2.875	44.000	-18.354	
-9.659	0.820	105.833										
1639.500	108.121	121.449	326.114	2.298	2.773	2.970	3.031	3.045	3.066	42.501	-17.743	
-20.133	0.821	105.749										
1640.000	104.175	124.452	295.666	2.660	3.111	3.292	3.352	3.359	3.382	39.730	-16.766	
-20.682	0.829	105.690										
1640.500	100.981	129.885	265.693	3.096	3.523	3.684	3.738	3.738	3.764	37.487	-15.899	
-15.616	0.846	105.737										
1641.000	100.054	133.711	260.276	3.273	3.657	3.782	3.822	3.819	3.842	36.836	-15.342	
-14.955	0.858	105.839										
1641.500	100.130	133.472	280.170	3.144	3.453	3.534	3.558	3.545	3.569	36.889	-15.141	
-10.699	0.853	105.974										
1642.000	97.889	128.262	285.864	3.225	3.444	3.484	3.491	3.470	3.498	35.315	-15.789	2.723
0.842	106.134											
1642.500	91.056	115.096	244.936	4.035	4.091	4.079	4.077	4.042	4.083	30.517	-17.625	
14.509	0.860	106.168										
1643.000	80.464	94.235	169.394	6.459	6.081	5.928	5.887	5.814	5.903	23.079	-19.831	15.381
0.921	106.027											
1643.500	69.707	74.431	120.848	11.002	8.948	8.375	8.229	8.072	8.275	15.524	-22.129	
12.088	0.999	105.815										
1644.000	62.839	62.799	110.584	13.512	10.015	9.159	8.962	8.762	9.043	10.701	-23.869	
10.529	1.052	105.727										
1644.500	61.495	59.029	126.733	10.733	8.530	7.926	7.762	7.642	7.891	9.758	-24.208	8.346
1.068	105.837											
1645.000	64.636	64.195	158.787	7.477	6.571	6.271	6.165	6.116	6.298	11.964	-23.229	5.272
1.056	105.952											
1645.500	70.350	78.342	192.822	5.604	5.271	5.129	5.059	5.047	5.186	15.976	-21.511	5.181
1.020	105.843											
1646.000	76.870	95.697	215.774	4.707	4.613	4.553	4.497	4.507	4.634	20.555	-19.061	7.052
0.971	105.602											
1646.500	82.814	110.356	231.750	4.220	4.221	4.200	4.158	4.184	4.315	24.729	-16.423	3.572
0.930	105.463											
1647.000	86.968	118.807	251.844	3.785	3.834	3.823	3.801	3.840	3.971	27.646	-14.624	-7.198
0.900	105.438											
1647.500	88.315	116.672	272.880	3.445	3.491	3.490	3.485	3.536	3.665	28.592	-14.622	
-16.445	0.883	105.463										
1648.000	86.859	103.608	285.470	3.267	3.295	3.301	3.313	3.374	3.503	27.569	-16.806	
-18.071	0.890	105.619										
1648.500	83.880	86.706	286.501	3.238	3.247	3.257	3.286	3.358	3.490	25.478	-20.590	-18.423
0.911	105.863											
1649.000	81.105	74.341	276.062	3.344	3.338	3.350	3.398	3.481	3.622	23.529	-24.033	-22.277
0.926	105.910											
1649.500	79.824	71.747	259.148	3.542	3.527	3.542	3.610	3.703	3.859	22.629	-25.440	-28.856
0.929	105.737											
1650.000	80.505	79.342	245.241	3.720	3.706	3.721	3.809	3.913	4.078	23.107	-24.019	-38.410
0.928	105.648											
1650.500	82.667	92.755	239.764	3.789	3.781	3.793	3.894	4.006	4.171	24.625	-20.074	-45.950
0.922	105.813											
1651.000	85.146	106.310	241.174	3.775	3.763	3.764	3.871	3.986	4.146	26.367	-15.231	
-43.641	0.914	106.105										
1651.500	86.486	115.511	238.980	3.862	3.820	3.802	3.908	4.026	4.184	27.307	-10.900	
-34.229	0.907	106.382										

1652.000	85.385	116.488	219.854	4.322	4.197	4.141	4.252	4.381	4.548	26.535	-8.074	-28.620
0.904	106.560											
1652.500	81.602	107.555	183.350	5.406	5.080	4.934	5.077	5.248	5.454	23.878	-7.761	-31.028
0.910	106.635											
1653.000	76.365	90.821	156.655	6.852	6.031	5.712	5.875	6.118	6.383	20.200	-10.141	-33.652
0.928	106.635											
1653.500	71.697	73.307	163.012	7.150	5.894	5.506	5.636	5.888	6.135	16.922	-14.275	-30.134
0.957	106.560											
1654.000	69.111	61.413	196.918	6.177	4.961	4.617	4.698	4.893	5.078	15.106	-19.845	-25.714
0.982	106.377											
1654.500	68.642	54.636	231.230	5.411	4.267	3.964	4.017	4.178	4.325	14.776	-25.947	-19.653
0.995	106.099											
1655.000	69.210	49.811	251.655	5.078	3.930	3.642	3.684	3.840	3.974	15.175	-31.196	-6.083
1.004	105.926											
1655.500	69.865	47.859	269.841	4.784	3.662	3.388	3.424	3.581	3.706	15.635	-34.995	0.503
1.012	105.923											
1656.000	70.345	48.443	299.322	4.293	3.292	3.052	3.085	3.231	3.341	15.973	-37.376	-15.202
1.008	105.979											
1656.500	70.789	48.755	343.914	3.700	2.857	2.662	2.691	2.818	2.908	16.284	-38.639	-32.229
0.998	106.055											
1657.000	71.344	47.510	391.463	3.250	2.505	2.343	2.368	2.479	2.555	16.674	-40.142	-30.818
0.998	106.207											
1657.500	71.970	44.341	431.893	2.981	2.270	2.124	2.147	2.249	2.315	17.114	-42.602	-25.781
1.009	106.265											
1658.000	72.736	40.009	480.803	2.711	2.043	1.912	1.933	2.022	2.080	17.652	-45.274	-26.479
1.021	106.120											
1658.500	73.904	37.660	550.943	2.383	1.792	1.680	1.697	1.769	1.815	18.472	-47.696	-21.494
1.029	105.989											
1659.000	75.509	39.034	617.791	2.148	1.609	1.508	1.523	1.581	1.619	19.599	-49.485	-14.861
1.040	106.003											
1659.500	77.151	41.686	654.285	2.077	1.532	1.432	1.444	1.495	1.528	20.752	-50.250	-17.931
1.048	105.985											
1660.000	78.423	42.565	666.509	2.093	1.518	1.412	1.423	1.469	1.500	21.645	-50.519	-23.807
1.049	105.924											
1660.500	79.278	42.980	671.913	2.110	1.519	1.408	1.419	1.459	1.488	22.246	-50.189	-25.918
1.048	105.873											
1661.000	79.728	46.064	659.768	2.173	1.560	1.441	1.452	1.488	1.516	22.562	-48.884	-25.761
1.045	105.707											
1661.500	79.565	49.902	609.580	2.408	1.704	1.565	1.578	1.610	1.640	22.448	-47.171	-25.613
1.024	105.504											
1662.000	78.456	50.064	525.369	2.909	2.000	1.819	1.835	1.867	1.903	21.668	-45.624	-25.701
0.989	105.505											
1662.500	76.662	46.649	434.438	3.661	2.442	2.200	2.223	2.254	2.302	20.409	-43.899	-23.136
0.976	105.598											
1663.000	75.456	46.709	363.049	4.389	2.937	2.636	2.668	2.695	2.754	19.562	-41.279	-15.754
0.998	105.625											
1663.500	76.307	59.800	319.232	4.652	3.322	3.007	3.046	3.063	3.133	20.159	-36.363	-11.209
1.028	105.653											
1664.000	79.634	86.873	296.773	4.438	3.517	3.248	3.291	3.295	3.370	22.496	-28.861	-7.114
1.024	105.788											
1664.500	84.334	115.248	279.800	4.198	3.663	3.457	3.501	3.494	3.574	25.796	-20.577	1.419
0.977	105.894											
1665.000	88.672	132.423	259.169	4.136	3.885	3.737	3.783	3.768	3.858	28.843	-13.381	
10.627	0.925	105.905										

1665.500	91.514	137.406	241.345	4.159	4.109	4.015	4.062	4.041	4.143	30.838	-8.322	12.991
0.904	106.008											
1666.000	92.798	135.684	231.773	4.180	4.240	4.180	4.225	4.203	4.315	31.740	-5.543	8.601
0.901	106.150											
1666.500	93.116	132.672	227.647	4.185	4.285	4.250	4.291	4.273	4.393	31.964	-4.163	2.277
0.900	106.076											
1667.000	93.069	130.044	225.677	4.204	4.297	4.277	4.316	4.305	4.431	31.930	-3.134	-2.017
0.900	105.809											
1667.500	93.006	128.569	225.534	4.206	4.277	4.267	4.306	4.303	4.434	31.886	-2.494	-8.727
0.903	105.559											
1668.000	93.047	130.758	227.184	4.172	4.223	4.220	4.263	4.269	4.402	31.915	-2.115	-24.439
0.909	105.519											
1668.500	93.207	135.017	228.226	4.143	4.180	4.185	4.234	4.248	4.382	32.027	-1.647	-40.759
0.914	105.788											
1669.000	93.420	135.482	227.266	4.148	4.176	4.187	4.246	4.267	4.400	32.177	-1.325	-42.805
0.912	106.045											
1669.500	93.572	132.389	225.700	4.167	4.187	4.204	4.271	4.300	4.431	32.283	-1.256	-30.928
0.909	106.057											
1670.000	93.627	130.144	224.349	4.191	4.201	4.221	4.295	4.330	4.457	32.323	-1.138	-17.159
0.907	106.074											
1670.500	93.604	128.864	222.857	4.226	4.223	4.245	4.325	4.364	4.487	32.306	-1.136	-5.697
0.903	106.115											
1671.000	93.470	127.610	220.733	4.277	4.262	4.284	4.370	4.412	4.530	32.212	-1.218	1.657
0.899	106.057											
1671.500	93.141	126.159	218.551	4.327	4.304	4.329	4.417	4.462	4.576	31.981	-1.114	-1.394
0.896	106.054											
1672.000	92.562	123.568	217.927	4.338	4.316	4.344	4.434	4.480	4.589	31.575	-1.138	-8.280
0.895	106.141											
1672.500	91.859	119.940	218.723	4.312	4.300	4.331	4.423	4.467	4.572	31.081	-1.231	-10.703
0.895	106.132											
1673.000	91.302	118.307	219.325	4.287	4.288	4.324	4.416	4.458	4.559	30.689	-1.160	-13.386
0.903	106.136											
1673.500	91.086	119.674	219.263	4.274	4.290	4.331	4.422	4.464	4.561	30.538	-1.153	-19.939
0.917	106.265											
1674.000	91.211	121.777	219.322	4.262	4.291	4.336	4.426	4.468	4.559	30.626	-1.260	-16.676
0.929	106.427											
1674.500	91.497	122.524	220.171	4.241	4.280	4.327	4.414	4.455	4.542	30.827	-1.124	-0.871
0.929	106.508											
1675.000	91.737	121.195	221.710	4.212	4.259	4.305	4.389	4.428	4.510	30.995	-1.079	10.148
0.920	106.513											
1675.500	91.837	118.248	222.959	4.191	4.245	4.290	4.370	4.407	4.485	31.065	-1.082	4.637
0.911	106.470											
1676.000	91.844	116.851	222.569	4.199	4.262	4.307	4.383	4.419	4.493	31.070	-1.022	-7.264
0.908	106.449											
1676.500	91.824	119.479	220.612	4.231	4.308	4.355	4.428	4.461	4.533	31.056	-1.154	-15.962
0.911	106.517											
1677.000	91.813	121.652	219.378	4.244	4.338	4.388	4.459	4.490	4.558	31.049	-1.557	-24.007
0.913	106.605											
1677.500	91.830	120.732	220.388	4.210	4.321	4.377	4.444	4.473	4.537	31.060	-1.856	-26.714
0.914	106.652											
1678.000	91.850	120.243	222.431	4.159	4.284	4.344	4.408	4.436	4.496	31.075	-2.365	-18.844
0.915	106.656											
1678.500	91.837	121.785	223.774	4.128	4.261	4.326	4.387	4.413	4.469	31.066	-2.921	-10.446
0.916	106.652											

1679.000	91.775	122.008	223.975	4.125	4.262	4.329	4.389	4.412	4.465	31.022	-3.381	-11.415
0.917	106.605											
1679.500	91.666	120.525	223.533	4.145	4.276	4.344	4.403	4.425	4.474	30.945	-3.925	-14.068
0.916	106.533											
1680.000	91.549	119.409	223.167	4.172	4.292	4.357	4.415	4.436	4.481	30.863	-4.408	-9.054
0.919	106.465											
1680.500	91.463	119.700	222.777	4.207	4.308	4.371	4.427	4.447	4.489	30.803	-4.429	-3.138
0.927	106.398											
1681.000	91.387	121.043	222.206	4.249	4.329	4.388	4.443	4.461	4.500	30.749	-4.143	-3.212
0.937	106.403											
1681.500	91.264	121.162	221.993	4.282	4.343	4.397	4.451	4.469	4.505	30.663	-3.687	-4.972
0.948	106.517											
1682.000	91.079	119.874	222.084	4.306	4.349	4.400	4.453	4.470	4.503	30.533	-3.007	-5.017
0.958	106.610											
1682.500	90.876	119.938	222.142	4.322	4.355	4.403	4.456	4.471	4.502	30.390	-2.458	-6.056
0.965	106.564											
1683.000	90.728	121.081	222.220	4.330	4.358	4.405	4.457	4.472	4.500	30.287	-2.217	-8.937
0.983	106.453											
1683.500	90.686	121.796	222.350	4.327	4.358	4.405	4.457	4.471	4.497	30.257	-1.925	-8.165
1.020	106.353											
1684.000	90.720	123.198	222.459	4.320	4.357	4.404	4.457	4.470	4.495	30.281	-1.690	-2.100
1.060	106.267											
1684.500	90.756	125.388	221.676	4.325	4.371	4.420	4.475	4.487	4.511	30.306	-1.647	2.445
1.084	106.247											
1685.000	90.741	125.526	219.721	4.350	4.407	4.459	4.516	4.527	4.551	30.296	-1.520	0.325
1.088	106.433											
1685.500	90.672	122.994	218.062	4.369	4.436	4.492	4.551	4.561	4.586	30.247	-1.486	-1.655
1.075	106.678											
1686.000	90.581	120.456	217.660	4.365	4.441	4.499	4.559	4.569	4.594	30.183	-1.684	-1.044
1.047	106.637											
1686.500	90.489	119.380	217.781	4.355	4.435	4.495	4.556	4.565	4.592	30.118	-1.785	-3.213
1.017	106.353											
1687.000	90.406	119.464	217.734	4.354	4.435	4.494	4.556	4.564	4.593	30.060	-1.929	-8.419
0.997	106.214											
1687.500	90.329	119.958	217.176	4.368	4.447	4.504	4.566	4.573	4.605	30.006	-2.171	-10.804
0.991	106.273											
1688.000	90.254	118.925	216.191	4.394	4.469	4.523	4.585	4.591	4.626	29.954	-2.277	-7.080
0.988	106.341											
1688.500	90.191	116.666	215.091	4.423	4.495	4.544	4.606	4.611	4.649	29.909	-2.479	-0.554
0.982	106.340											
1689.000	90.088	116.896	213.131	4.472	4.539	4.584	4.646	4.651	4.692	29.837	-2.912	0.233
0.977	106.365											
1689.500	89.785	120.158	209.092	4.571	4.629	4.669	4.732	4.739	4.783	29.624	-3.580	-5.384
0.977	106.424											
1690.000	89.076	121.536	202.433	4.737	4.784	4.819	4.884	4.892	4.940	29.126	-4.436	-13.339
0.980	106.449											
1690.500	87.885	118.598	193.426	4.973	5.010	5.040	5.108	5.117	5.170	28.290	-5.561	-25.989
0.984	106.445											
1691.000	86.452	111.944	184.461	5.225	5.255	5.280	5.352	5.363	5.421	27.284	-6.518	-41.688
0.989	106.465											
1691.500	85.216	105.749	179.622	5.369	5.395	5.417	5.491	5.504	5.567	26.415	-7.359	-52.407
0.994	106.507											
1692.000	84.453	105.391	179.624	5.366	5.389	5.411	5.486	5.501	5.567	25.880	-8.018	-57.095
1.002	106.625											

1692.500	84.123	109.646	179.175	5.369	5.393	5.419	5.494	5.511	5.581	25.648	-8.437	-53.645
1.017	106.786											
1693.000	83.995	110.866	175.072	5.473	5.507	5.541	5.618	5.638	5.712	25.559	-8.643	-37.420
1.034	106.883											
1693.500	83.953	107.042	172.605	5.522	5.574	5.615	5.693	5.716	5.794	25.529	-8.875	-15.994
1.046	106.955											
1694.000	84.138	104.798	177.029	5.359	5.424	5.469	5.545	5.570	5.649	25.659	-8.803	-0.737
1.054	107.023											
1694.500	84.661	108.163	185.003	5.115	5.181	5.228	5.302	5.328	5.405	26.026	-8.557	4.433
1.058	106.905											
1695.000	85.323	113.583	189.380	4.995	5.056	5.102	5.175	5.203	5.280	26.491	-8.122	3.219
1.065	106.634											
1695.500	85.798	115.254	188.308	5.033	5.083	5.128	5.202	5.231	5.310	26.825	-7.206	5.844
1.075	106.474											
1696.000	85.893	113.293	184.708	5.147	5.185	5.226	5.302	5.332	5.414	26.891	-6.356	13.227
1.076	106.533											
1696.500	85.624	111.551	181.916	5.243	5.269	5.305	5.383	5.414	5.497	26.702	-5.797	14.498
1.064	106.642											
1697.000	85.183	110.761	179.559	5.323	5.343	5.374	5.454	5.486	5.569	26.393	-5.351	12.567
1.057	106.643											
1697.500	84.732	109.635	174.549	5.472	5.499	5.530	5.612	5.644	5.729	26.076	-5.186	16.782
1.064	106.562											
1698.000	84.338	108.494	168.293	5.656	5.703	5.738	5.824	5.855	5.942	25.799	-5.313	20.642
1.076	106.659											
1698.500	84.149	107.860	166.067	5.703	5.775	5.819	5.905	5.936	6.022	25.666	-5.293	19.622
1.081	106.977											
1699.000	84.275	108.746	168.988	5.580	5.669	5.722	5.807	5.836	5.918	25.755	-5.343	17.249
1.077	107.255											
1699.500	84.622	111.204	173.295	5.431	5.526	5.586	5.667	5.696	5.770	25.999	-5.507	11.974
1.074	107.347											
1700.000	85.003	113.100	176.595	5.334	5.425	5.488	5.565	5.594	5.663	26.266	-5.422	1.023
1.076	107.331											
1700.500	85.305	114.437	179.332	5.265	5.349	5.411	5.485	5.515	5.576	26.478	-5.292	-9.026
1.082	107.259											
1701.000	85.532	116.605	182.592	5.186	5.263	5.322	5.392	5.422	5.477	26.637	-5.292	-14.662
1.090	107.124											
1701.500	85.762	118.712	186.671	5.084	5.157	5.213	5.278	5.310	5.357	26.799	-5.212	-16.325
1.094	106.897											
1702.000	85.997	119.435	190.149	4.996	5.071	5.125	5.186	5.219	5.259	26.965	-5.186	-17.361
1.083	106.720											
1702.500	86.134	117.933	191.375	4.961	5.044	5.100	5.158	5.192	5.225	27.060	-5.502	-17.489
1.061	106.736											
1703.000	86.158	114.787	191.704	4.946	5.040	5.099	5.154	5.189	5.216	27.077	-5.678	-16.177
1.043	106.909											
1703.500	86.183	113.064	193.659	4.890	4.993	5.055	5.108	5.143	5.164	27.094	-5.802	-16.178
1.034	107.014											
1704.000	86.322	114.294	196.933	4.808	4.915	4.978	5.028	5.063	5.078	27.192	-5.940	-19.446
1.031	106.946											
1704.500	86.559	116.311	199.201	4.756	4.866	4.930	4.977	5.011	5.020	27.359	-5.679	-22.551
1.034	106.719											
1705.000	86.793	116.545	199.427	4.755	4.868	4.933	4.977	5.010	5.014	27.523	-5.274	-21.216
1.036	106.524											
1705.500	87.063	114.984	199.408	4.760	4.877	4.944	4.984	5.015	5.015	27.712	-5.106	-16.151
1.036	106.618											



1706.000	87.626	114.211	203.026	4.677	4.799	4.866	4.902	4.930	4.925	28.108	-4.790	-12.688
1.032	106.960											
1706.500	88.771	116.521	214.669	4.427	4.549	4.611	4.641	4.666	4.658	28.912	-4.499	-15.444
1.024	107.247											
1707.000	90.502	123.292	233.459	4.083	4.192	4.248	4.272	4.292	4.283	30.128	-4.297	-24.718
1.010	107.224											
1707.500	92.416	135.230	248.022	3.865	3.956	4.003	4.025	4.042	4.032	31.472	-3.760	-33.652
0.994	106.985											
1708.000	93.941	148.378	248.102	3.892	3.964	4.005	4.027	4.042	4.031	32.543	-3.197	-34.820
0.991	106.808											
1708.500	94.756	157.085	236.589	4.107	4.162	4.200	4.225	4.239	4.227	33.115	-2.965	-28.289
0.997	106.892											
1709.000	95.016	159.789	226.266	4.303	4.350	4.388	4.418	4.432	4.420	33.297	-2.549	-19.281
1.001	107.003											
1709.500	95.156	156.292	226.231	4.285	4.338	4.382	4.417	4.433	4.420	33.396	-2.079	-12.677
1.000	106.893											
1710.000	95.563	149.810	236.263	4.061	4.134	4.188	4.227	4.243	4.233	33.682	-1.559	-16.044
0.995	106.802											
1710.500	96.295	147.566	249.729	3.793	3.888	3.953	3.997	4.013	4.004	34.196	-0.688	-25.208
0.989	106.955											
1711.000	97.090	150.038	257.939	3.629	3.742	3.818	3.867	3.884	3.877	34.754	0.079	-28.260
0.984	107.183											
1711.500	97.642	151.315	257.246	3.609	3.736	3.821	3.875	3.892	3.887	35.142	0.441	-26.447
0.981	107.259											
1712.000	97.789	150.059	250.747	3.689	3.821	3.913	3.973	3.991	3.988	35.245	0.627	-25.905
0.980	107.171											
1712.500	97.590	149.223	243.624	3.795	3.926	4.020	4.087	4.106	4.105	35.106	0.555	-22.065
0.986	107.091											
1713.000	97.206	148.866	238.113	3.891	4.014	4.108	4.180	4.198	4.200	34.836	0.197	-15.154
1.000	107.167											
1713.500	96.663	148.852	233.468	3.982	4.093	4.186	4.261	4.279	4.283	34.454	0.023	-12.025
1.010	107.166											
1714.000	95.830	147.586	227.928	4.099	4.194	4.286	4.363	4.381	4.387	33.869	-0.258	-13.297
1.002	106.930											
1714.500	94.625	144.169	219.097	4.286	4.367	4.458	4.538	4.555	4.564	33.023	-0.874	-14.218
0.980	106.743											
1715.000	93.252	141.502	208.556	4.523	4.596	4.686	4.768	4.783	4.795	32.059	-1.589	-13.914
0.957	106.688											
1715.500	92.185	140.730	204.177	4.633	4.704	4.791	4.870	4.883	4.898	31.310	-2.416	-16.565
0.941	106.559											
1716.000	91.887	138.886	209.596	4.516	4.592	4.672	4.744	4.755	4.771	31.101	-3.178	-18.331
0.929	106.456											
1716.500	92.416	137.836	218.801	4.324	4.407	4.479	4.544	4.553	4.570	31.472	-3.388	-11.504
0.920	106.685											
1717.000	93.345	140.635	225.103	4.196	4.290	4.357	4.415	4.425	4.442	32.124	-3.301	-2.689
0.914	107.075											
1717.500	94.067	142.273	227.845	4.141	4.244	4.306	4.360	4.370	4.389	32.632	-3.273	-3.884
0.906	107.306											
1718.000	94.171	138.961	227.459	4.149	4.255	4.313	4.366	4.377	4.396	32.705	-3.184	-10.694
0.893	107.352											
1718.500	93.649	135.070	223.171	4.232	4.337	4.393	4.448	4.460	4.481	32.338	-3.235	-14.019
0.889	107.352											
1719.000	92.809	134.304	216.509	4.359	4.465	4.524	4.583	4.597	4.619	31.748	-3.428	-16.013
0.901	107.310											

1719.500	92.045	134.045	211.654	4.442	4.557	4.622	4.686	4.702	4.725	31.212	-3.373	-18.580
0.910	107.175											
1720.000	91.657	133.477	210.601	4.433	4.564	4.639	4.707	4.725	4.748	30.939	-3.209	-17.279
0.905	107.091											
1720.500	91.805	134.273	212.413	4.358	4.509	4.595	4.665	4.684	4.708	31.043	-3.042	-8.284
0.897	107.175											
1721.000	92.500	136.723	217.427	4.222	4.391	4.485	4.555	4.576	4.599	31.531	-2.691	1.700
0.902	107.310											
1721.500	93.561	139.031	225.940	4.036	4.217	4.314	4.381	4.404	4.426	32.276	-2.398	7.208
0.910	107.310											
1722.000	94.668	140.421	234.101	3.882	4.067	4.162	4.226	4.250	4.272	33.053	-2.311	9.145
0.906	107.175											
1722.500	95.503	140.484	236.623	3.842	4.025	4.116	4.180	4.204	4.226	33.640	-2.118	11.650
0.897	107.082											
1723.000	95.926	140.251	233.484	3.907	4.082	4.170	4.235	4.261	4.283	33.936	-1.946	14.179
0.892	107.069											
1723.500	96.013	142.631	230.389	3.985	4.142	4.225	4.291	4.318	4.340	33.998	-1.886	10.426
0.895	107.022											
1724.000	95.985	147.429	230.971	4.006	4.135	4.214	4.279	4.306	4.330	33.978	-1.552	2.332
0.910	106.996											
1724.500	96.045	150.519	233.108	3.999	4.100	4.174	4.240	4.267	4.290	34.020	-1.224	-0.070
0.949	107.131											
1725.000	96.254	150.920	234.437	3.999	4.079	4.151	4.216	4.242	4.266	34.167	-0.969	1.223
1.009	107.292											
1725.500	96.572	150.780	236.141	3.984	4.053	4.122	4.186	4.212	4.235	34.390	-0.569	-0.039
1.062	107.347											
1726.000	96.924	150.088	238.998	3.946	4.009	4.074	4.137	4.161	4.184	34.638	-0.286	1.556
1.087	107.352											
1726.500	97.234	148.532	241.352	3.917	3.976	4.037	4.098	4.121	4.143	34.856	-0.294	4.727
1.088	107.331											
1727.000	97.429	147.796	242.487	3.908	3.965	4.021	4.080	4.102	4.124	34.992	-0.309	1.605
1.077	107.243											
1727.500	97.450	149.013	242.789	3.915	3.967	4.019	4.077	4.097	4.119	35.007	-0.419	-6.177
1.051	107.133											
1728.000	97.298	151.406	241.695	3.947	3.993	4.040	4.097	4.116	4.137	34.901	-0.671	-15.147
1.021	107.133											
1728.500	96.998	153.241	239.148	4.005	4.043	4.086	4.143	4.160	4.182	34.690	-0.762	-24.551
1.001	107.243											
1729.000	96.573	151.473	236.491	4.066	4.094	4.135	4.192	4.207	4.228	34.391	-0.864	-29.623
0.998	107.335											
1729.500	96.055	147.665	233.625	4.128	4.149	4.188	4.246	4.259	4.280	34.028	-1.179	-25.586
1.001	107.399											
1730.000	95.476	145.950	228.935	4.219	4.238	4.276	4.335	4.346	4.368	33.621	-1.409	-15.974
1.009	107.415											
1730.500	94.910	145.941	223.787	4.314	4.337	4.378	4.437	4.446	4.469	33.223	-1.553	-11.572
1.019	107.300											
1731.000	94.473	144.960	221.278	4.352	4.387	4.430	4.489	4.497	4.519	32.916	-1.735	-14.555
1.027	107.166											
1731.500	94.242	143.967	221.197	4.340	4.389	4.436	4.493	4.499	4.521	32.754	-1.644	-16.136
1.028	107.186											
1732.000	94.204	144.420	222.140	4.312	4.372	4.421	4.475	4.480	4.502	32.727	-1.465	-13.968
1.024	107.271											
1732.500	94.266	145.164	223.678	4.284	4.346	4.394	4.445	4.449	4.471	32.771	-1.400	-12.296
1.020	107.208											

1733.000	94.308	146.588	224.457	4.282	4.337	4.383	4.430	4.434	4.455	32.800	-1.175	-11.721
1.020	107.123											
1733.500	94.248	148.616	223.275	4.324	4.369	4.410	4.454	4.458	4.479	32.759	-0.969	-8.602
1.024	107.229											
1734.000	94.076	148.448	220.496	4.396	4.433	4.469	4.510	4.515	4.535	32.638	-0.980	-2.868
1.027	107.359											
1734.500	93.809	145.982	217.348	4.471	4.504	4.536	4.575	4.581	4.601	32.450	-0.977	3.088
1.032	107.313											
1735.000	93.499	144.980	214.592	4.529	4.566	4.597	4.634	4.641	4.660	32.232	-1.088	3.172
1.037	107.203											
1735.500	93.242	145.247	212.552	4.561	4.609	4.642	4.679	4.686	4.705	32.052	-1.441	-1.978
1.041	107.157											
1736.000	93.159	143.739	212.886	4.536	4.599	4.636	4.671	4.680	4.697	31.993	-1.737	-5.765
1.041	107.069											
1736.500	93.343	142.166	216.460	4.445	4.520	4.560	4.594	4.605	4.620	32.123	-2.021	-5.112
1.038	106.943											
1737.000	93.804	143.685	221.230	4.342	4.420	4.462	4.495	4.507	4.520	32.447	-2.343	-6.021
1.036	106.947											
1737.500	94.459	146.496	225.576	4.260	4.335	4.377	4.408	4.422	4.433	32.906	-2.436	-7.423
1.035	107.200											
1738.000	95.198	147.938	229.951	4.187	4.254	4.294	4.325	4.339	4.349	33.425	-2.333	-2.572
1.034	107.488											
1738.500	95.904	147.837	234.686	4.110	4.170	4.207	4.238	4.253	4.261	33.921	-2.237	0.233
1.033	107.533											
1739.000	96.453	147.884	239.234	4.037	4.092	4.127	4.157	4.173	4.180	34.307	-1.911	-5.627
1.035	107.352											
1739.500	96.769	147.711	242.204	3.989	4.042	4.075	4.107	4.123	4.129	34.529	-1.575	-11.101
1.038	107.170											
1740.000	96.822	146.547	242.270	3.986	4.040	4.073	4.107	4.122	4.128	34.566	-1.423	-10.404
1.039	107.191											
1740.500	96.662	146.141	240.550	4.014	4.067	4.101	4.137	4.151	4.157	34.454	-1.223	-10.774
1.042	107.343											
1741.000	96.444	148.001	239.162	4.039	4.090	4.124	4.162	4.175	4.181	34.300	-1.057	-13.832
1.049	107.419											
1741.500	96.327	149.505	238.497	4.053	4.100	4.136	4.174	4.187	4.193	34.219	-1.023	-15.041
1.059	107.423											
1742.000	96.368	148.888	238.927	4.046	4.091	4.128	4.167	4.178	4.185	34.248	-0.901	-15.345
1.073	107.495											
1742.500	96.478	147.837	240.339	4.020	4.066	4.104	4.142	4.152	4.161	34.324	-0.737	-19.298
1.084	107.589											
1743.000	96.493	147.318	240.752	4.011	4.057	4.096	4.135	4.144	4.154	34.335	-0.698	-22.675
1.084	107.568											
1743.500	96.333	147.069	238.990	4.038	4.085	4.126	4.164	4.173	4.184	34.223	-0.532	-21.353
1.075	107.504											
1744.000	96.098	147.459	236.584	4.076	4.125	4.166	4.205	4.213	4.227	34.058	-0.389	-19.269
1.069	107.521											
1744.500	96.000	149.272	236.447	4.074	4.125	4.166	4.205	4.214	4.229	33.989	-0.402	-19.395
1.072	107.521											
1745.000	96.175	151.993	238.926	4.029	4.080	4.120	4.159	4.168	4.185	34.112	-0.329	-16.459
1.077	107.520											
1745.500	96.533	154.241	241.280	3.990	4.038	4.076	4.116	4.125	4.145	34.363	-0.241	-9.804
1.074	107.625											
1746.000	96.794	155.978	241.034	4.001	4.041	4.077	4.118	4.128	4.149	34.546	-0.272	-6.467
1.068	107.651											

1746.500	96.703	155.979	236.729	4.084	4.114	4.149	4.191	4.201	4.224	34.483	-0.290	-8.179
1.066	107.454											
1747.000	96.217	153.024	229.300	4.226	4.247	4.281	4.326	4.336	4.361	34.141	-0.400	-12.757
1.069	107.276											
1747.500	95.530	149.667	223.229	4.344	4.363	4.397	4.443	4.453	4.480	33.659	-0.742	-15.449
1.071	107.276											
1748.000	94.956	149.566	221.491	4.375	4.396	4.431	4.478	4.488	4.515	33.256	-0.853	-15.752
1.071	107.437											
1748.500	94.689	151.234	222.853	4.339	4.369	4.406	4.450	4.460	4.487	33.068	-0.910	-15.060
1.068	107.639											
1749.000	94.705	152.448	224.993	4.289	4.327	4.366	4.409	4.419	4.445	33.079	-1.046	-13.703
1.063	107.728											
1749.500	94.858	153.481	226.230	4.259	4.305	4.346	4.386	4.396	4.420	33.187	-1.086	-10.388
1.057	107.644											
1750.000	95.017	152.807	226.066	4.259	4.311	4.352	4.391	4.400	4.423	33.298	-1.237	-6.824
1.055	107.492											
1750.500	95.128	149.241	226.013	4.259	4.316	4.357	4.393	4.403	4.425	33.377	-1.683	-9.555
1.062	107.442											
1751.000	95.232	146.516	227.328	4.235	4.294	4.334	4.369	4.379	4.399	33.449	-1.985	-12.658
1.069	107.478											
1751.500	95.357	147.202	228.558	4.213	4.272	4.312	4.347	4.358	4.375	33.537	-2.208	-9.984
1.064	107.500											
1752.000	95.457	148.786	228.464	4.213	4.274	4.314	4.349	4.362	4.377	33.607	-2.541	-5.535
1.053	107.453											
1752.500	95.478	149.575	228.494	4.210	4.273	4.314	4.350	4.363	4.376	33.622	-2.576	-7.448
1.043	107.457											
1753.000	95.409	150.361	228.978	4.198	4.264	4.306	4.342	4.356	4.367	33.574	-2.423	-13.390
1.033	107.593											
1753.500	95.290	149.612	228.368	4.209	4.276	4.319	4.355	4.370	4.379	33.490	-2.251	-16.995
1.026	107.778											
1754.000	95.194	146.813	227.470	4.230	4.296	4.339	4.374	4.389	4.396	33.423	-1.787	-15.361
1.039	107.871											
1754.500	95.185	144.904	227.790	4.233	4.295	4.336	4.371	4.385	4.390	33.416	-1.252	-12.508
1.065	107.871											
1755.000	95.273	146.221	229.016	4.222	4.278	4.316	4.350	4.364	4.367	33.478	-0.963	-11.797
1.080	107.896											
1755.500	95.452	148.813	231.581	4.185	4.235	4.273	4.304	4.317	4.318	33.604	-0.576	-11.106
1.082	107.959											
1756.000	95.745	148.942	236.582	4.101	4.150	4.187	4.216	4.228	4.227	33.809	-0.214	-9.927
1.086	108.026											
1756.500	96.173	147.452	243.261	3.989	4.041	4.076	4.103	4.114	4.111	34.110	0.001	-7.622
1.091	107.998											
1757.000	96.728	149.816	249.435	3.890	3.944	3.978	4.004	4.014	4.009	34.500	0.304	-4.828
1.094	107.769											
1757.500	97.344	154.825	253.795	3.823	3.879	3.912	3.936	3.946	3.940	34.933	0.510	-5.766
1.091	107.549											
1758.000	97.847	156.452	256.165	3.789	3.844	3.878	3.901	3.911	3.904	35.286	0.460	-12.687
1.087	107.626											
1758.500	98.019	154.136	256.694	3.784	3.835	3.870	3.894	3.904	3.896	35.406	0.537	-18.136
1.083	107.752											
1759.000	97.713	150.127	255.712	3.800	3.848	3.885	3.909	3.919	3.911	35.192	0.498	-13.553
1.078	107.478											
1759.500	96.927	144.999	254.211	3.820	3.866	3.906	3.932	3.943	3.934	34.640	0.183	-3.449
1.069	107.035											

1760.000	95.825	139.930	254.419	3.807	3.858	3.901	3.929	3.940	3.931	33.866	-0.077	-1.619
1.057	106.832											
1760.500	94.689	136.516	257.995	3.739	3.799	3.846	3.874	3.885	3.876	33.068	-0.393	-3.472
1.044	106.877											
1761.000	93.798	134.919	262.551	3.659	3.728	3.777	3.807	3.817	3.809	32.442	-0.960	4.823
1.036	106.994											
1761.500	93.284	134.629	262.855	3.643	3.720	3.772	3.803	3.811	3.804	32.082	-1.736	14.040
1.041	107.225											
1762.000	93.100	134.182	256.907	3.723	3.805	3.858	3.891	3.898	3.892	31.952	-2.691	11.956
1.059	107.543											
1762.500	93.083	133.134	248.149	3.854	3.940	3.994	4.027	4.035	4.030	31.941	-3.779	3.828
1.069	107.686											
1763.000	93.070	132.422	241.885	3.957	4.044	4.097	4.131	4.138	4.134	31.931	-4.471	-1.853
1.059	107.602											
1763.500	92.996	131.677	240.631	3.985	4.067	4.118	4.152	4.158	4.156	31.879	-4.784	-7.493
1.038	107.610											
1764.000	92.912	130.743	242.869	3.957	4.032	4.079	4.113	4.118	4.117	31.820	-4.946	-12.813
1.022	107.830											
1764.500	92.908	130.726	245.476	3.926	3.991	4.036	4.069	4.072	4.074	31.817	-4.994	-14.801
1.018	108.006											
1765.000	93.021	130.182	247.252	3.909	3.964	4.006	4.038	4.042	4.044	31.896	-5.105	-13.875
1.025	108.047											
1765.500	93.192	127.797	248.434	3.900	3.946	3.986	4.018	4.021	4.025	32.017	-5.331	-11.131
1.040	108.047											
1766.000	93.260	126.665	247.760	3.917	3.956	3.995	4.027	4.030	4.036	32.065	-5.347	-8.701
1.058	108.047											
1766.500	93.057	127.668	243.926	3.981	4.017	4.054	4.088	4.091	4.100	31.922	-5.423	-8.784
1.070	108.039											
1767.000	92.520	127.911	238.414	4.072	4.106	4.144	4.181	4.184	4.194	31.545	-5.608	-8.016
1.070	107.937											
1767.500	91.716	127.341	233.263	4.161	4.191	4.230	4.271	4.274	4.287	30.980	-5.626	-4.214
1.060	107.708											
1768.000	90.816	126.898	228.215	4.253	4.277	4.318	4.363	4.366	4.382	30.348	-5.592	-3.045
1.056	107.565											
1768.500	90.012	126.443	222.466	4.363	4.382	4.423	4.473	4.476	4.495	29.784	-5.570	-6.849
1.066	107.606											
1769.000	89.415	127.115	216.785	4.474	4.492	4.534	4.588	4.591	4.613	29.365	-5.342	-13.501
1.081	107.700											
1769.500	89.032	127.635	212.685	4.554	4.576	4.616	4.673	4.676	4.702	29.096	-5.149	-22.005
1.086	107.781											
1770.000	88.815	125.636	210.648	4.591	4.620	4.657	4.714	4.719	4.747	28.943	-5.114	-28.575
1.076	107.853											
1770.500	88.702	122.325	209.774	4.606	4.640	4.674	4.730	4.735	4.767	28.864	-5.036	-29.425
1.055	107.816											
1771.000	88.636	119.893	209.319	4.617	4.652	4.683	4.736	4.743	4.777	28.817	-5.040	-23.376
1.035	107.619											
1771.500	88.581	119.250	209.365	4.620	4.654	4.682	4.732	4.740	4.776	28.779	-5.166	-12.861
1.022	107.420											
1772.000	88.523	119.301	209.743	4.614	4.649	4.673	4.720	4.730	4.768	28.738	-5.288	-6.122
1.019	107.420											
1772.500	88.480	119.071	209.955	4.611	4.646	4.667	4.711	4.723	4.763	28.708	-5.377	-8.490
1.023	107.598											
1773.000	88.474	119.318	209.965	4.609	4.646	4.665	4.708	4.721	4.763	28.703	-5.660	-16.395
1.033	107.715											

1773.500	88.488	120.337	210.255	4.599	4.636	4.655	4.698	4.712	4.756	28.714	-5.801	-21.663
1.047	107.736											
1774.000	88.499	120.812	211.030	4.581	4.615	4.634	4.677	4.693	4.739	28.721	-5.920	-16.374
1.059	107.783											
1774.500	88.473	120.822	211.448	4.573	4.602	4.619	4.664	4.681	4.729	28.703	-6.120	-5.959
1.064	107.799											
1775.000	88.386	121.505	210.602	4.593	4.616	4.632	4.678	4.697	4.748	28.642	-6.200	-5.276
1.061	107.757											
1775.500	88.246	121.501	208.392	4.643	4.662	4.676	4.724	4.744	4.799	28.543	-6.315	-15.316
1.054	107.748											
1776.000	88.086	120.488	206.104	4.691	4.709	4.723	4.772	4.794	4.852	28.431	-6.585	-21.644
1.045	107.773											
1776.500	87.968	119.441	205.929	4.689	4.707	4.721	4.771	4.795	4.856	28.348	-6.752	-18.614
1.035	107.728											
1777.000	87.983	118.479	208.275	4.627	4.646	4.663	4.713	4.739	4.801	28.359	-6.755	-14.870
1.028	107.689											
1777.500	88.175	117.020	210.915	4.557	4.579	4.601	4.650	4.677	4.741	28.494	-6.745	-11.649
1.028	107.773											
1778.000	88.514	116.722	212.087	4.519	4.546	4.571	4.620	4.649	4.715	28.732	-6.486	-4.015
1.034	107.883											
1778.500	88.936	118.603	212.584	4.496	4.527	4.557	4.606	4.636	4.704	29.028	-6.246	2.680
1.038	107.908											
1779.000	89.363	121.668	213.985	4.457	4.492	4.524	4.573	4.604	4.673	29.328	-6.169	1.808
1.039	107.929											
1779.500	89.714	124.352	216.348	4.403	4.439	4.472	4.521	4.553	4.622	29.575	-6.095	-4.539
1.035	107.975											
1780.000	89.909	125.863	217.971	4.368	4.403	4.436	4.487	4.519	4.588	29.712	-6.196	-10.766
1.029	107.930											
1780.500	89.862	125.396	216.937	4.388	4.421	4.455	4.508	4.541	4.610	29.678	-6.710	-13.421
1.029	107.757											
1781.000	89.553	123.169	213.397	4.462	4.493	4.529	4.585	4.617	4.686	29.461	-7.385	-14.250
1.042	107.626											
1781.500	89.102	121.254	209.922	4.537	4.567	4.605	4.664	4.699	4.764	29.145	-8.046	-16.796
1.060	107.761											
1782.000	88.702	120.679	208.401	4.573	4.601	4.641	4.702	4.739	4.798	28.864	-8.669	-18.418
1.067	108.094											
1782.500	88.478	121.368	208.274	4.583	4.608	4.650	4.711	4.749	4.801	28.706	-8.776	-18.923
1.066	108.276											
1783.000	88.419	122.754	208.120	4.599	4.618	4.663	4.722	4.761	4.805	28.665	-8.548	-18.001
1.064	108.242											
1783.500	88.414	122.837	207.436	4.633	4.646	4.691	4.747	4.786	4.821	28.661	-8.260	-12.850
1.066	108.242											
1784.000	88.370	120.049	207.177	4.661	4.671	4.713	4.764	4.802	4.827	28.631	-7.962	-5.221
1.074	108.305											
1784.500	88.266	117.655	208.317	4.657	4.669	4.706	4.750	4.786	4.800	28.558	-7.791	-1.232
1.080	108.305											
1785.000	88.161	118.075	210.355	4.626	4.650	4.682	4.716	4.751	4.754	28.484	-8.034	-2.689
1.079	108.233											
1785.500	88.058	118.617	211.906	4.600	4.642	4.670	4.695	4.727	4.719	28.411	-8.343	-4.656
1.073	108.143											
1786.000	87.744	117.225	211.991	4.600	4.663	4.690	4.707	4.736	4.717	28.191	-8.660	-2.103
1.068	108.136											
1786.500	87.122	114.515	210.537	4.624	4.710	4.738	4.746	4.773	4.750	27.754	-8.956	-0.299
1.064	108.203											

1787.000	86.489	111.336	211.743	4.591	4.698	4.730	4.731	4.755	4.723	27.310	-9.125	-6.494
1.061	108.174											
1787.500	86.496	109.364	226.237	4.289	4.405	4.436	4.436	4.458	4.420	27.315	-9.117	-13.978
1.059	108.042											
1788.000	87.838	112.828	262.313	3.698	3.803	3.831	3.830	3.849	3.812	28.257	-8.922	-14.444
1.057	108.058											
1788.500	90.615	122.103	306.672	3.172	3.254	3.281	3.278	3.294	3.261	30.207	-8.365	-12.447
1.047	108.215											
1789.000	94.114	130.918	334.589	2.919	2.981	3.008	3.005	3.020	2.989	32.664	-7.546	-15.819
1.030	108.287											
1789.500	97.292	134.449	341.856	2.867	2.917	2.942	2.941	2.956	2.925	34.896	-6.846	-20.644
1.012	108.316											
1790.000	99.436	135.141	340.238	2.888	2.927	2.953	2.953	2.969	2.939	36.402	-6.325	-19.540
0.989	108.430											
1790.500	100.429	136.859	339.246	2.900	2.929	2.956	2.961	2.977	2.948	37.099	-6.037	
-15.984	0.965	108.544										
1791.000	100.653	138.893	339.373	2.898	2.918	2.947	2.958	2.974	2.947	37.257	-5.845	
-17.598	0.955	108.532										
1791.500	100.619	140.161	338.872	2.893	2.909	2.942	2.960	2.976	2.951	37.232	-5.448	
-19.924	0.968	108.419										
1792.000	100.555	140.586	337.729	2.888	2.905	2.943	2.967	2.983	2.961	37.188	-4.873	
-18.007	0.984	108.283										
1792.500	100.487	140.983	336.140	2.886	2.907	2.950	2.979	2.993	2.975	37.140	-4.493	
-15.924	0.986	108.211										
1793.000	100.352	142.548	334.287	2.895	2.917	2.961	2.994	3.006	2.991	37.045	-4.251	
-16.083	0.975	108.229										
1793.500	100.192	144.844	330.683	2.929	2.948	2.990	3.026	3.034	3.024	36.933	-4.221	
-15.541	0.966	108.198										
1794.000	100.112	145.526	323.698	3.007	3.017	3.052	3.090	3.094	3.089	36.876	-4.637	
-15.714	0.964	108.017										
1794.500	99.533	144.922	311.343	3.157	3.148	3.172	3.211	3.211	3.212	36.470	-5.142	-16.622
0.961	107.870											
1795.000	97.176	142.819	286.398	3.481	3.440	3.450	3.489	3.485	3.492	34.815	-5.942	-16.014
0.956	107.988											
1795.500	92.224	135.257	240.084	4.202	4.120	4.114	4.160	4.153	4.165	31.337	-7.626	-14.911
0.950	108.284											
1796.000	85.435	119.974	182.866	5.578	5.423	5.394	5.457	5.445	5.468	26.570	-10.283	
-16.590	0.968	108.462										
1796.500	79.287	104.826	150.495	6.767	6.600	6.557	6.625	6.605	6.645	22.252	-13.046	
-19.108	1.028	108.397										
1797.000	76.314	102.304	158.288	6.302	6.263	6.258	6.298	6.282	6.318	20.164	-15.720	
-19.329	1.084	108.266										
1797.500	77.037	113.566	190.339	5.131	5.194	5.216	5.235	5.220	5.254	20.672	-17.776	
-18.101	1.077	108.288										
1798.000	79.721	125.688	216.538	4.471	4.567	4.595	4.601	4.586	4.618	22.557	-19.215	
-21.472	1.026	108.397										
1798.500	81.943	129.025	233.126	4.178	4.259	4.275	4.275	4.259	4.290	24.118	-20.926	
-29.235	0.986	108.465										
1799.000	82.202	123.706	243.689	4.074	4.092	4.091	4.091	4.077	4.104	24.299	-23.678	
-31.859	0.967	108.516										
1799.500	80.433	113.850	240.272	4.218	4.181	4.154	4.151	4.139	4.162	23.057	-26.984	
-25.471	0.973	108.575										
1800.000	77.629	104.440	220.649	4.693	4.585	4.525	4.518	4.507	4.532	21.088	-30.450	
-16.016	1.003	108.481										

1800.500	74.977	98.599	199.323	5.253	5.103	5.008	5.000	4.991	5.017	19.226	-33.335	-11.492
1.035	108.283											
1801.000	73.444	95.196	192.222	5.433	5.302	5.193	5.184	5.179	5.202	18.149	-35.006	-11.330
1.053	108.242											
1801.500	73.468	94.856	203.691	5.086	5.002	4.903	4.895	4.892	4.909	18.166	-35.642	-8.289
1.052	108.305											
1802.000	74.482	98.247	225.300	4.609	4.528	4.439	4.429	4.427	4.439	18.878	-35.587	-2.231
1.028	108.326											
1802.500	75.286	102.056	237.541	4.458	4.316	4.217	4.204	4.202	4.210	19.442	-35.431	1.153
0.992	108.304											
1803.000	74.949	101.330	228.292	4.840	4.538	4.397	4.376	4.373	4.380	19.206	-35.716	4.388
0.971	108.187											
1803.500	73.555	94.414	204.840	5.767	5.136	4.911	4.877	4.872	4.882	18.227	-36.480	10.576
0.983	107.954											
1804.000	72.109	84.374	190.137	6.663	5.609	5.297	5.253	5.247	5.259	17.211	-37.584	10.583
1.020	107.860											
1804.500	71.578	77.535	195.376	6.631	5.465	5.153	5.111	5.106	5.118	16.838	-38.785	1.057
1.059	107.992											
1805.000	72.236	76.294	214.789	5.838	4.917	4.677	4.646	4.644	4.656	17.301	-39.224	-6.262
1.087	108.244											
1805.500	73.719	79.223	233.221	5.093	4.461	4.293	4.275	4.276	4.288	18.342	-38.615	-4.906
1.093	108.514											
1806.000	75.617	85.954	242.086	4.632	4.234	4.121	4.113	4.117	4.131	19.675	-36.880	-4.678
1.070	108.684											
1806.500	77.883	96.062	246.646	4.302	4.098	4.038	4.031	4.038	4.054	21.266	-34.079	-7.674
1.031	108.739											
1807.000	80.673	108.016	250.096	4.059	3.992	3.966	3.970	3.980	3.998	23.226	-30.227	-7.761
0.988	108.743											
1807.500	83.804	121.374	246.913	4.000	4.012	3.998	4.013	4.025	4.050	25.424	-25.523	-3.137
0.950	108.743											
1808.000	86.508	132.842	235.039	4.126	4.179	4.182	4.209	4.223	4.255	27.323	-20.611	-2.268
0.924	108.743											
1808.500	88.037	137.462	220.194	4.359	4.427	4.446	4.487	4.503	4.541	28.397	-16.723	-2.850
0.908	108.735											
1809.000	88.325	134.666	209.548	4.546	4.619	4.654	4.710	4.730	4.772	28.599	-14.517	1.024
0.898	108.632											
1809.500	88.141	130.094	207.096	4.557	4.639	4.693	4.760	4.784	4.829	28.470	-13.622	7.916
0.898	108.404											
1810.000	88.554	130.273	214.926	4.338	4.438	4.507	4.583	4.608	4.653	28.760	-13.197	7.147
0.907	108.248											
1810.500	89.991	135.709	228.268	4.037	4.153	4.232	4.311	4.338	4.381	29.769	-12.425	1.449
0.913	108.315											
1811.000	91.888	141.253	235.662	3.882	4.004	4.092	4.174	4.201	4.243	31.101	-11.077	-0.288
0.911	108.502											
1811.500	93.215	143.387	232.168	3.940	4.057	4.148	4.236	4.264	4.307	32.033	-9.834	3.700
0.906	108.605											
1812.000	93.350	141.376	221.733	4.153	4.252	4.341	4.436	4.465	4.510	32.128	-9.634	8.848
0.903	108.542											
1812.500	92.462	136.446	211.221	4.414	4.477	4.558	4.659	4.688	4.734	31.504	-10.149	9.695
0.902	108.431											
1813.000	91.107	133.337	205.007	4.621	4.634	4.699	4.802	4.831	4.878	30.553	-10.881	2.455
0.913	108.448											
1813.500	89.536	133.240	199.567	4.824	4.784	4.833	4.936	4.964	5.011	29.450	-11.703	-9.787
0.936	108.583											



1814.000	87.470	131.668	186.436	5.225	5.144	5.183	5.288	5.317	5.364	27.998	-12.634	
-18.533	0.967	108.692										
1814.500	84.688	125.404	166.277	5.881	5.784	5.824	5.936	5.965	6.014	26.045	-13.720	
-17.305	1.009	108.739										
1815.000	81.765	117.560	152.754	6.368	6.315	6.364	6.468	6.498	6.546	23.992	-15.413	
-10.913	1.068	108.722										
1815.500	80.102	113.136	157.533	6.095	6.135	6.189	6.276	6.306	6.348	22.825	-16.847	-7.916
1.118	108.655											
1816.000	80.982	115.895	184.017	5.150	5.251	5.311	5.374	5.404	5.434	23.442	-17.026	-8.065
1.129	108.612											
1816.500	84.485	126.262	226.327	4.170	4.271	4.329	4.371	4.398	4.418	25.902	-15.468	-8.350
1.100	108.651											
1817.000	89.368	139.660	263.124	3.600	3.680	3.731	3.761	3.786	3.800	29.331	-12.731	
-13.324	1.061	108.667										
1817.500	93.842	148.999	276.572	3.456	3.511	3.554	3.580	3.605	3.616	32.473	-9.732	-23.224
1.035	108.573											
1818.000	96.596	152.077	273.845	3.532	3.561	3.593	3.617	3.643	3.652	34.407	-7.576	-25.414
1.020	108.506											
1818.500	97.370	152.451	269.113	3.638	3.637	3.657	3.682	3.708	3.716	34.951	-6.369	-15.513
1.005	108.573											
1819.000	96.718	151.504	260.564	3.798	3.768	3.775	3.805	3.831	3.838	34.493	-6.138	-7.257
0.994	108.688											
1819.500	95.408	147.331	247.253	4.023	3.975	3.976	4.012	4.038	4.044	33.573	-6.402	-9.305
0.989	108.718											
1820.000	94.104	141.728	237.655	4.187	4.133	4.134	4.177	4.200	4.208	32.657	-6.676	-14.621
0.989	108.634											
1820.500	93.192	138.918	233.363	4.256	4.203	4.210	4.257	4.277	4.285	32.017	-6.846	-13.855
0.989	108.524											
1821.000	92.739	140.239	229.692	4.300	4.264	4.279	4.328	4.343	4.354	31.699	-6.998	-6.406
0.990	108.504											
1821.500	92.661	142.626	227.508	4.321	4.303	4.323	4.371	4.382	4.395	31.644	-6.964	3.726
0.989	108.546											
1822.000	92.888	144.212	229.549	4.273	4.268	4.287	4.334	4.340	4.356	31.804	-6.926	11.820
0.987	108.592											
1822.500	93.390	144.763	232.101	4.234	4.228	4.243	4.285	4.288	4.308	32.156	-7.110	14.276
0.987	108.634											
1823.000	94.035	143.674	228.378	4.327	4.309	4.314	4.353	4.355	4.379	32.609	-7.473	11.444
0.991	108.655											
1823.500	94.450	140.481	216.176	4.598	4.563	4.558	4.596	4.598	4.626	32.900	-8.159	6.545
0.999	108.700											
1824.000	94.077	137.365	200.423	4.974	4.927	4.910	4.950	4.955	4.989	32.639	-9.253	1.684
1.008	108.785											
1824.500	92.563	136.973	189.071	5.277	5.220	5.195	5.239	5.245	5.289	31.575	-10.520	-2.339
1.013	108.790											
1825.000	90.104	138.136	184.287	5.386	5.343	5.320	5.367	5.375	5.426	29.848	-11.815	-4.059
1.017	108.676											
1825.500	87.361	137.895	183.153	5.392	5.354	5.344	5.392	5.403	5.460	27.922	-13.397	-5.383
1.025	108.588											
1826.000	85.014	134.881	184.341	5.292	5.293	5.299	5.348	5.362	5.425	26.274	-15.425	-6.094
1.040	108.516											
1826.500	83.395	131.073	188.904	5.109	5.142	5.162	5.210	5.228	5.294	25.137	-17.813	-1.792
1.056	108.452											
1827.000	82.493	127.327	197.557	4.852	4.901	4.928	4.973	4.995	5.062	24.503	-20.408	5.875
1.067	108.432											

1827.500	82.072	123.746	208.971	4.578	4.626	4.653	4.695	4.719	4.785	24.208	-22.966	9.890
1.064	108.483											
1828.000	81.880	120.983	218.706	4.383	4.418	4.441	4.481	4.506	4.572	24.073	-25.056	4.681
1.051	108.551											
1828.500	81.764	119.448	222.457	4.330	4.345	4.363	4.402	4.429	4.495	23.991	-26.601	-3.005
1.040	108.605											
1829.000	81.550	119.412	220.388	4.398	4.389	4.401	4.441	4.471	4.537	23.841	-27.479	
-10.129	1.038	108.652										
1829.500	81.113	120.350	215.789	4.519	4.486	4.492	4.536	4.567	4.634	23.535	-27.501	
-17.432	1.047	108.790										
1830.000	80.511	121.363	210.879	4.646	4.592	4.595	4.642	4.674	4.742	23.112	-27.246	
-23.721	1.067	109.035										
1830.500	79.943	120.881	205.141	4.784	4.721	4.722	4.775	4.806	4.875	22.713	-27.133	
-26.449	1.097	109.167										
1831.000	79.694	118.660	198.024	4.944	4.890	4.893	4.951	4.981	5.050	22.538	-26.836	
-28.226	1.129	108.967										
1831.500	80.035	116.997	190.578	5.108	5.080	5.089	5.151	5.179	5.247	22.777	-26.170	
-27.546	1.141	108.627										
1832.000	81.128	120.199	182.862	5.287	5.296	5.313	5.377	5.403	5.469	23.545	-24.559	
-21.038	1.128	108.465										
1832.500	82.897	128.601	176.019	5.463	5.507	5.534	5.595	5.622	5.681	24.787	-21.673	
-15.173	1.109	108.571										
1833.000	84.882	138.858	174.903	5.482	5.553	5.587	5.641	5.668	5.717	26.181	-18.502	
-14.535	1.094	108.672										
1833.500	86.303	146.078	182.803	5.250	5.328	5.364	5.406	5.433	5.470	27.179	-16.016	
-12.152	1.073	108.612										
1834.000	86.423	145.750	197.140	4.891	4.960	4.993	5.022	5.048	5.073	27.263	-15.347	-3.428
1.049	108.520											
1834.500	85.105	136.825	211.016	4.604	4.658	4.684	4.701	4.726	4.739	26.338	-17.096	1.092
1.046	108.621											
1835.000	83.020	123.683	219.647	4.455	4.502	4.519	4.525	4.549	4.553	24.873	-20.445	-2.756
1.067	108.913											
1835.500	81.269	113.145	224.076	4.388	4.441	4.448	4.445	4.468	4.463	23.644	-23.781	-4.933
1.098	109.158											
1836.000	80.704	109.606	227.620	4.325	4.393	4.393	4.383	4.405	4.393	23.247	-26.348	-1.449
1.125	109.177											
1836.500	81.392	111.659	230.068	4.278	4.362	4.353	4.344	4.365	4.347	23.730	-27.406	3.337
1.138	109.062											
1837.000	82.706	115.912	227.448	4.337	4.442	4.425	4.405	4.425	4.397	24.653	-27.177	4.857
1.136	109.062											
1837.500	83.795	122.607	224.624	4.437	4.538	4.506	4.472	4.488	4.452	25.418	-26.165	-0.363
1.125	109.218											
1838.000	84.079	129.888	238.853	4.266	4.320	4.267	4.217	4.229	4.187	25.618	-25.407	
-11.850	1.106	109.371										
1838.500	83.493	130.961	277.517	3.823	3.763	3.688	3.635	3.640	3.603	25.206	-25.905	
-23.453	1.082	109.332										
1839.000	82.385	123.582	322.366	3.463	3.278	3.185	3.131	3.132	3.102	24.427	-28.169	
-27.512	1.073	109.156										
1839.500	81.275	113.869	350.473	3.391	3.061	2.941	2.882	2.882	2.853	23.648	-31.589	
-21.703	1.081	108.970										
1840.000	80.454	106.317	357.090	3.594	3.064	2.901	2.834	2.830	2.800	23.072	-34.999	
-14.438	1.091	108.906										
1840.500	79.857	100.336	349.477	4.004	3.199	2.980	2.902	2.893	2.861	22.652	-37.530	
-16.222	1.107	109.017										

1841.000	79.279	96.079	338.898	4.454	3.358	3.084	2.997	2.983	2.951	22.247	-38.881	-27.108
1.137	109.227											
1841.500	78.696	95.410	332.752	4.731	3.453	3.146	3.056	3.037	3.005	21.837	-39.554	-37.637
1.162	109.383											
1842.000	78.529	96.938	329.422	4.776	3.487	3.176	3.089	3.066	3.036	21.720	-39.645	-43.065
1.163	109.434											
1842.500	79.303	98.419	322.074	4.732	3.544	3.243	3.160	3.133	3.105	22.263	-38.761	-44.583
1.150	109.439											
1843.000	81.076	102.013	303.993	4.784	3.723	3.429	3.349	3.316	3.290	23.508	-36.194	
-44.144	1.135	109.439										
1843.500	83.255	112.409	276.638	4.964	4.054	3.763	3.681	3.640	3.615	25.038	-32.017	
-35.051	1.116	109.418										
1844.000	84.896	127.711	248.118	5.164	4.466	4.186	4.104	4.053	4.030	26.191	-26.961	
-19.905	1.079	109.301										
1844.500	85.322	138.931	224.295	5.309	4.862	4.615	4.535	4.476	4.458	26.490	-22.559	-8.788
1.032	109.021											
1845.000	84.538	139.017	208.188	5.357	5.142	4.948	4.875	4.811	4.803	25.939	-20.349	-4.710
0.995	108.750											
1845.500	83.206	130.347	200.681	5.292	5.234	5.102	5.040	4.979	4.983	25.004	-20.649	-4.772
0.982	108.726											
1846.000	82.143	120.620	198.469	5.195	5.209	5.127	5.077	5.023	5.039	24.258	-22.286	-8.000
0.981	108.873											
1846.500	81.824	116.333	196.948	5.157	5.189	5.137	5.097	5.052	5.077	24.033	-23.475	
-12.966	0.987	108.961										
1847.000	82.272	119.057	194.804	5.177	5.205	5.171	5.138	5.102	5.133	24.348	-23.060	
-16.305	0.995	108.966										
1847.500	83.299	127.779	192.611	5.216	5.236	5.210	5.187	5.158	5.192	25.070	-21.510	
-16.666	1.002	109.041										
1848.000	84.711	140.748	191.219	5.233	5.246	5.228	5.217	5.192	5.230	26.061	-19.649	
-15.316	1.001	109.218										
1848.500	86.232	152.834	192.058	5.192	5.200	5.189	5.189	5.169	5.207	27.130	-17.795	
-13.067	1.000	109.379										
1849.000	87.385	157.822	193.390	5.149	5.149	5.149	5.147	5.134	5.171	27.939	-16.238	
-11.076	1.008	109.434										
1849.500	87.563	155.800	190.961	5.213	5.213	5.213	5.208	5.202	5.237	28.064	-15.416	
-10.359	1.019	109.439										
1850.000	86.477	149.850	185.880	5.339	5.350	5.351	5.349	5.349	5.380	27.301	-15.247	
-10.754	1.018	109.439										
1850.500	84.521	141.330	184.440	5.361	5.389	5.393	5.393	5.397	5.422	25.928	-16.290	
-11.662	1.002	109.439										
1851.000	82.529	132.812	187.963	5.237	5.288	5.296	5.297	5.303	5.320	24.529	-18.514	
-13.676	0.989	109.434										
1851.500	81.164	128.034	193.316	5.070	5.147	5.159	5.158	5.161	5.173	23.570	-21.109	
-20.100	0.995	109.387										
1852.000	80.543	126.495	201.608	4.850	4.945	4.955	4.954	4.955	4.960	23.134	-23.518	
-28.673	1.011	109.320										
1852.500	80.348	124.158	216.547	4.524	4.617	4.618	4.618	4.618	4.618	22.997	-26.007	
-31.979	1.022	109.320										
1853.000	80.209	118.936	234.821	4.209	4.264	4.271	4.263	4.263	4.259	22.900	-28.412	
-26.717	1.032	109.387										
1853.500	79.916	113.359	246.548	4.065	4.090	4.083	4.066	4.065	4.056	22.694	-30.358	
-20.417	1.055	109.434										
1854.000	79.520	110.713	246.025	4.149	4.132	4.108	4.084	4.079	4.065	22.416	-31.372	
-15.854	1.079	109.439										

1854.500	79.467	110.368	237.036	4.402	4.331	4.283	4.249	4.238	4.219	22.378	-31.030
-14.158	1.085	109.439									
1855.000	80.377	111.297	227.958	4.667	4.547	4.473	4.429	4.411	4.387	23.018	-29.102
-19.681	1.076	109.418									
1855.500	82.603	118.304	224.570	4.799	4.649	4.557	4.505	4.480	4.453	24.581	-25.500
-29.975	1.065	109.350									
1856.000	85.752	132.822	224.612	4.822	4.667	4.568	4.510	4.480	4.452	26.792	-21.038
-36.457	1.058	109.304									
1856.500	88.619	145.719	221.993	4.880	4.733	4.631	4.569	4.533	4.505	28.806	-16.799
-38.149	1.057	109.295									
1857.000	89.983	148.582	216.367	4.994	4.861	4.759	4.691	4.650	4.622	29.763	-13.916
-40.165	1.062	109.248									
1857.500	89.468	144.256	213.423	5.036	4.924	4.826	4.756	4.711	4.686	29.402	-13.390
-41.995	1.067	109.201									
1858.000	87.598	138.083	216.620	4.925	4.835	4.747	4.681	4.637	4.616	28.089	-15.437
-42.118	1.068	109.265									
1858.500	85.312	130.732	221.457	4.785	4.709	4.631	4.572	4.530	4.516	26.483	-18.682
-39.632	1.073	109.328									
1859.000	83.453	124.945	219.882	4.795	4.725	4.651	4.597	4.557	4.548	25.178	-21.791
-37.407	1.085	109.261									
1859.500	82.348	124.463	210.764	4.984	4.912	4.839	4.788	4.749	4.745	24.402	-23.695
-36.132	1.096	109.150									
1860.000	81.885	126.176	200.294	5.221	5.148	5.073	5.027	4.990	4.993	24.076	-24.291
-32.313	1.099	109.146									
1860.500	81.804	125.609	193.918	5.358	5.287	5.216	5.179	5.146	5.157	24.020	-23.955
-23.159	1.095	109.193									
1861.000	81.773	124.691	191.737	5.375	5.311	5.250	5.223	5.197	5.215	23.998	-23.576
-13.994	1.088	109.160									
1861.500	81.582	125.815	191.032	5.354	5.301	5.251	5.235	5.215	5.235	23.864	-23.607
-10.883	1.078	109.144									
1862.000	81.289	127.013	189.619	5.350	5.308	5.269	5.266	5.249	5.274	23.658	-23.879
-12.332	1.068	109.236									
1862.500	81.078	127.297	188.189	5.354	5.318	5.299	5.299	5.283	5.314	23.510	-24.042
-11.211	1.064	109.309									
1863.000	81.096	126.971	187.239	5.354	5.320	5.319	5.319	5.305	5.341	23.522	-24.164
-10.219	1.064	109.318									
1863.500	81.369	127.254	186.377	5.360	5.338	5.329	5.337	5.325	5.365	23.714	-24.234
-15.523	1.067	109.451									
1864.000	81.820	127.875	184.094	5.412	5.398	5.381	5.395	5.387	5.432	24.031	-24.067
-18.388	1.067	109.672									
1864.500	82.310	127.216	179.260	5.543	5.527	5.510	5.532	5.529	5.578	24.375	-23.710
-14.971	1.065	109.714									
1865.000	82.683	126.644	173.398	5.721	5.698	5.681	5.712	5.713	5.767	24.637	-22.973
-15.772	1.061	109.547									
1865.500	82.826	128.216	168.600	5.879	5.844	5.827	5.867	5.874	5.931	24.738	-21.943
-21.310	1.057	109.407									
1866.000	82.722	131.274	165.474	5.974	5.936	5.922	5.971	5.984	6.043	24.664	-20.994
-24.751	1.051	109.471									
1866.500	82.444	133.623	163.472	6.011	5.990	5.981	6.038	6.054	6.117	24.469	-20.423
-26.797	1.045	109.606									
1867.000	82.086	134.061	161.861	6.031	6.033	6.031	6.092	6.111	6.178	24.218	-20.013
-24.185	1.040	109.636									
1867.500	81.721	133.254	161.719	6.007	6.026	6.029	6.092	6.114	6.184	23.962	-19.886
-15.797	1.036	109.650									

1868.000	81.376	133.431	165.939	5.852	5.869	5.872	5.933	5.957	6.026	23.719	-19.965	-7.734
1.035	109.747											
1868.500	80.994	133.436	175.292	5.573	5.561	5.557	5.614	5.639	5.705	23.451	-20.644	-5.427
1.036	109.840											
1869.000	80.508	129.774	184.588	5.352	5.297	5.281	5.330	5.355	5.417	23.109	-22.008	-9.323
1.038	109.912											
1869.500	79.930	123.422	185.271	5.368	5.295	5.266	5.312	5.338	5.397	22.704	-23.657	
-15.442	1.041	109.997										
1870.000	79.400	119.481	175.685	5.704	5.595	5.550	5.599	5.628	5.692	22.332	-24.511	
-17.919	1.048	109.919										
1870.500	79.152	120.586	166.714	6.008	5.901	5.846	5.898	5.930	5.998	22.158	-24.513	
-20.682	1.053	109.716										
1871.000	79.346	125.608	166.928	5.949	5.894	5.844	5.893	5.925	5.991	22.294	-23.806	
-25.841	1.047	109.670										
1871.500	79.885	130.886	172.560	5.721	5.695	5.662	5.704	5.735	5.795	22.672	-23.226	
-26.455	1.039	109.801										
1872.000	80.476	131.725	179.873	5.439	5.456	5.440	5.473	5.504	5.559	23.087	-23.380	
-20.522	1.040	109.885										
1872.500	80.883	127.698	193.483	5.047	5.069	5.063	5.089	5.118	5.168	23.373	-24.618	
-18.108	1.048	109.801										
1873.000	81.049	121.798	215.190	4.566	4.562	4.557	4.576	4.604	4.647	23.490	-26.435	
-22.598	1.057	109.624										
1873.500	81.068	114.810	236.149	4.195	4.167	4.158	4.172	4.196	4.235	23.503	-28.548	
-24.416	1.065	109.459										
1874.000	81.066	108.800	246.849	4.067	3.998	3.982	3.994	4.016	4.051	23.501	-30.530	
-17.441	1.072	109.366										
1874.500	81.073	106.612	247.443	4.107	3.998	3.972	3.985	4.006	4.041	23.507	-31.893	
-10.109	1.078	109.388										
1875.000	81.057	108.363	244.196	4.199	4.057	4.022	4.038	4.059	4.095	23.495	-32.568	-9.451
1.080	109.505											
1875.500	81.013	111.373	240.861	4.274	4.114	4.075	4.095	4.115	4.152	23.464	-32.704	
-12.654	1.075	109.594										
1876.000	80.956	114.315	237.809	4.323	4.164	4.126	4.150	4.168	4.205	23.424	-32.576	
-17.689	1.066	109.654										
1876.500	80.899	115.579	234.672	4.356	4.216	4.181	4.208	4.224	4.261	23.384	-32.393	
-25.018	1.061	109.727										
1877.000	80.852	114.169	230.328	4.403	4.291	4.261	4.290	4.305	4.342	23.351	-32.187	
-30.134	1.061	109.799										
1877.500	80.794	110.939	223.097	4.511	4.429	4.403	4.433	4.446	4.482	23.310	-31.590	
-29.571	1.061	109.726										
1878.000	80.683	109.416	213.176	4.693	4.638	4.613	4.643	4.655	4.691	23.232	-30.831	
-24.598	1.056	109.499										
1878.500	80.524	110.127	201.519	4.948	4.914	4.887	4.915	4.926	4.962	23.121	-29.859	
-20.400	1.049	109.228										
1879.000	80.396	111.396	189.803	5.251	5.227	5.198	5.222	5.233	5.269	23.031	-28.667	
-20.496	1.049	109.161										
1879.500	80.403	112.256	183.249	5.446	5.424	5.396	5.413	5.424	5.457	23.036	-27.585	
-23.090	1.054	109.369										
1880.000	80.585	113.118	185.118	5.405	5.375	5.356	5.363	5.375	5.402	23.164	-26.906	
-26.639	1.057	109.638										
1880.500	80.861	113.661	190.407	5.273	5.231	5.222	5.220	5.231	5.252	23.358	-26.508	
-33.980	1.062	109.815										
1881.000	81.059	113.088	190.778	5.276	5.238	5.226	5.216	5.226	5.242	23.496	-26.535	
-40.345	1.068	109.856										

1881.500	81.064	111.916	185.727	5.424	5.405	5.375	5.364	5.375	5.384	23.500	-26.798	
-37.683	1.072	109.856										
1882.000	80.898	114.353	183.521	5.496	5.504	5.455	5.437	5.448	5.449	23.383	-26.814	
-29.663	1.066	109.856										
1882.500	80.696	120.952	189.171	5.354	5.375	5.314	5.279	5.288	5.286	23.242	-26.652	
-21.131	1.057	109.856										
1883.000	80.690	125.316	199.470	5.150	5.153	5.075	5.021	5.027	5.013	23.238	-26.525	-8.446
1.054	109.824											
1883.500	81.095	124.605	207.241	5.079	5.035	4.926	4.848	4.852	4.825	23.522	-26.299	3.005
1.061	109.782											
1884.000	81.961	124.538	212.992	5.125	5.000	4.842	4.734	4.733	4.695	24.130	-25.562	2.115
1.071	109.832											
1884.500	83.109	129.713	224.130	5.125	4.867	4.651	4.515	4.508	4.462	24.936	-24.164	-6.817
1.072	109.958											
1885.000	84.031	138.638	244.112	5.016	4.576	4.310	4.157	4.146	4.096	25.584	-22.528	
-11.701	1.057	110.089										
1885.500	83.996	144.668	269.433	4.904	4.238	3.933	3.774	3.760	3.712	25.559	-22.411	
-12.752	1.040	110.083										
1886.000	82.594	137.956	293.710	4.898	3.970	3.629	3.468	3.452	3.405	24.575	-24.859	
-14.864	1.039	109.974										
1886.500	80.172	117.310	312.577	5.023	3.805	3.429	3.265	3.246	3.199	22.874	-29.521	
-15.011	1.052	109.790										
1887.000	77.736	95.846	327.742	5.151	3.685	3.283	3.119	3.098	3.051	21.163	-35.077	-7.042
1.065	109.502											
1887.500	76.412	84.438	343.755	5.093	3.535	3.133	2.978	2.955	2.909	20.233	-39.875	4.939
1.064	109.280											
1888.000	76.626	79.654	358.954	4.866	3.378	2.997	2.854	2.830	2.786	20.384	-42.778	9.888
1.052	109.419											
1888.500	77.912	76.125	365.552	4.655	3.295	2.938	2.804	2.779	2.736	21.287	-44.256	4.428
1.042	109.814											
1889.000	79.563	76.402	356.925	4.600	3.355	3.008	2.876	2.847	2.802	22.446	-44.425	-1.609
1.037	110.076											
1889.500	81.180	86.160	334.306	4.693	3.565	3.214	3.077	3.043	2.991	23.581	-42.560	-1.202
1.029	110.032											
1890.000	82.663	105.823	309.280	4.757	3.822	3.477	3.332	3.292	3.233	24.623	-38.421	3.269
1.010	109.881											
1890.500	83.968	127.437	290.422	4.698	4.017	3.699	3.552	3.507	3.443	25.539	-32.952	6.223
0.984	109.860											
1891.000	84.843	138.747	275.590	4.650	4.175	3.892	3.745	3.695	3.629	26.154	-27.733	7.197
0.965	110.020											
1891.500	84.911	135.604	264.475	4.660	4.302	4.048	3.901	3.848	3.781	26.202	-24.469	5.724
0.965	110.136											
1892.000	84.087	126.724	260.270	4.662	4.335	4.103	3.959	3.906	3.842	25.623	-23.554	1.305
0.969	110.077											
1892.500	82.637	120.556	257.545	4.745	4.367	4.138	3.995	3.942	3.883	24.604	-23.998	-2.601
0.967	110.008											
1893.000	81.062	116.490	250.725	4.999	4.502	4.250	4.100	4.045	3.988	23.499	-24.870	-5.097
0.975	110.025											
1893.500	79.959	112.793	247.774	5.201	4.573	4.297	4.142	4.088	4.036	22.724	-25.768	
-12.962	1.000	110.005										
1894.000	79.634	110.340	258.020	5.049	4.377	4.109	3.967	3.919	3.876	22.496	-26.479	
-23.822	1.023	109.895										
1894.500	79.955	109.635	274.848	4.734	4.078	3.836	3.714	3.673	3.638	22.721	-27.413	
-24.964	1.028	109.823										

1895.000	80.512	108.476	280.564	4.648	3.979	3.745	3.633	3.594	3.564	23.112	-28.898	
-18.783	1.029	109.844										
1895.500	80.958	105.502	272.201	4.816	4.099	3.856	3.743	3.703	3.674	23.425	-30.457	
-19.065	1.042	109.886										
1896.000	81.369	104.628	261.688	4.967	4.255	4.006	3.893	3.850	3.821	23.714	-31.950	
-25.313	1.063	109.886										
1896.500	82.134	110.835	256.126	4.944	4.322	4.084	3.976	3.932	3.904	24.251	-32.384	
-26.406	1.073	109.881										
1897.000	83.389	121.627	253.004	4.846	4.343	4.124	4.023	3.979	3.953	25.133	-30.929	
-22.946	1.069	109.924										
1897.500	84.753	130.414	250.855	4.762	4.350	4.151	4.056	4.011	3.986	26.090	-27.988	
-18.241	1.059	109.894										
1898.000	85.581	133.343	251.999	4.684	4.308	4.124	4.036	3.991	3.968	26.672	-25.524	-8.166
1.050	109.762											
1898.500	85.271	129.096	254.987	4.654	4.246	4.068	3.986	3.942	3.922	26.455	-24.731	2.659
1.046	109.687											
1899.000	83.596	118.527	251.225	4.830	4.318	4.125	4.044	3.999	3.981	25.278	-26.226	4.428
1.050	109.758											
1899.500	80.936	105.509	233.396	5.383	4.681	4.446	4.355	4.304	4.285	23.410	-28.925	1.276
1.058	109.872											
1900.000	78.091	93.915	209.374	6.178	5.260	4.964	4.857	4.796	4.776	21.412	-31.215	5.062
1.065	110.008											
1900.500	76.061	87.432	199.305	6.402	5.510	5.207	5.098	5.035	5.017	19.987	-31.734	13.619
1.059	110.120											
1901.000	75.663	90.632	207.997	5.797	5.195	4.960	4.872	4.819	4.808	19.707	-30.856	15.650
1.034	110.142											
1901.500	76.987	100.825	217.946	5.226	4.870	4.705	4.638	4.594	4.588	20.637	-28.997	9.755
1.003	110.083											
1902.000	79.436	110.412	213.613	5.110	4.903	4.779	4.722	4.682	4.681	22.357	-26.558	3.403
0.987	110.016											
1902.500	82.128	118.723	199.331	5.299	5.198	5.101	5.051	5.012	5.017	24.248	-23.432	2.638
0.980	110.000											
1903.000	84.328	128.634	185.574	5.554	5.531	5.455	5.415	5.377	5.389	25.792	-19.802	2.553
0.975	110.046											
1903.500	85.729	137.326	177.304	5.720	5.737	5.681	5.654	5.620	5.640	26.776	-16.238	-0.367
0.972	110.130											
1904.000	86.448	140.713	174.359	5.760	5.790	5.755	5.740	5.713	5.735	27.281	-13.591	-3.804
0.972	110.171											
1904.500	86.801	138.813	174.786	5.717	5.737	5.721	5.717	5.697	5.721	27.529	-11.978	-1.623
0.972	110.167											
1905.000	87.044	135.295	176.341	5.630	5.660	5.660	5.660	5.643	5.671	27.700	-11.312	1.517
0.972	110.196											
1905.500	87.310	133.308	177.716	5.544	5.605	5.610	5.610	5.595	5.627	27.886	-10.779	2.430
0.974	110.306											
1906.000	87.586	133.838	178.949	5.478	5.544	5.561	5.566	5.553	5.588	28.080	-10.144	7.091
0.974	110.429											
1906.500	87.833	137.617	180.377	5.421	5.483	5.505	5.518	5.507	5.544	28.254	-9.705	14.762
0.975	110.455											
1907.000	88.117	142.214	182.378	5.353	5.411	5.433	5.452	5.444	5.483	28.453	-9.549	18.839
0.980	110.417											
1907.500	88.530	143.673	185.744	5.246	5.302	5.324	5.347	5.345	5.384	28.743	-9.276	19.888
0.994	110.438											
1908.000	89.043	142.679	189.323	5.138	5.192	5.213	5.240	5.243	5.282	29.103	-9.073	19.929
1.013	110.547											

1908.500	89.403	140.922	189.620	5.126	5.173	5.196	5.228	5.235	5.274	29.356	-8.778	14.659
1.025	110.635											
1909.000	89.338	139.882	185.418	5.243	5.280	5.305	5.343	5.353	5.393	29.310	-8.447	6.570
1.024	110.635											
1909.500	88.890	141.008	179.542	5.416	5.443	5.471	5.516	5.526	5.570	28.995	-8.440	3.639
1.020	110.572											
1910.000	88.423	141.999	177.078	5.486	5.509	5.542	5.592	5.603	5.647	28.668	-8.806	6.062
1.016	110.577											
1910.500	88.370	140.730	181.046	5.354	5.381	5.418	5.469	5.480	5.523	28.631	-9.043	7.025
1.013	110.670											
1911.000	88.844	140.530	188.432	5.135	5.167	5.206	5.255	5.266	5.307	28.963	-9.217	7.442
1.007	110.676											
1911.500	89.479	141.452	192.990	5.018	5.048	5.086	5.133	5.143	5.182	29.409	-9.173	10.451
1.000	110.498											
1912.000	89.774	141.464	191.928	5.065	5.086	5.119	5.165	5.173	5.210	29.617	-8.997	11.295
0.994	110.342											
1912.500	89.517	140.483	187.122	5.223	5.230	5.257	5.301	5.308	5.344	29.436	-9.007	5.160
0.994	110.384											
1913.000	88.924	139.340	183.074	5.363	5.360	5.380	5.422	5.428	5.462	29.020	-9.225	0.107
0.992	110.540											
1913.500	88.451	139.270	182.560	5.386	5.385	5.401	5.441	5.445	5.478	28.688	-9.236	3.792
0.981	110.536											
1914.000	88.431	141.239	184.634	5.316	5.328	5.344	5.382	5.385	5.416	28.673	-9.152	9.751
0.972	110.317											
1914.500	88.832	144.286	187.656	5.211	5.242	5.260	5.297	5.299	5.329	28.955	-8.814	9.796
0.983	110.186											
1915.000	89.356	146.924	190.529	5.114	5.160	5.182	5.217	5.220	5.249	29.323	-8.279	7.017
1.003	110.363											
1915.500	89.673	147.412	191.097	5.087	5.144	5.168	5.202	5.204	5.233	29.546	-7.914	6.092
1.013	110.649											
1916.000	89.636	144.854	188.508	5.151	5.215	5.239	5.273	5.276	5.305	29.520	-7.883	4.672
1.013	110.805											
1916.500	89.376	141.794	185.446	5.235	5.304	5.325	5.359	5.362	5.392	29.337	-8.065	-2.462
1.014	110.830											
1917.000	89.117	140.471	184.529	5.266	5.333	5.351	5.384	5.388	5.419	29.155	-8.524	-12.479
1.004	110.830											
1917.500	88.905	141.301	184.410	5.278	5.337	5.353	5.385	5.391	5.423	29.007	-8.996	-21.483
0.982	110.826											
1918.000	88.612	142.830	182.047	5.355	5.405	5.422	5.454	5.461	5.493	28.801	-9.285	-27.497
0.970	110.779											
1918.500	88.136	143.439	177.640	5.491	5.538	5.557	5.589	5.596	5.629	28.466	-9.729	-29.472
0.967	110.711											
1919.000	87.562	142.390	175.025	5.572	5.620	5.640	5.672	5.680	5.713	28.063	-10.297	
-27.078	0.952	110.703										
1919.500	87.165	139.720	176.721	5.518	5.565	5.587	5.618	5.626	5.659	27.785	-10.747	
-24.163	0.927	110.677										
1920.000	87.169	136.681	180.658	5.401	5.444	5.467	5.497	5.505	5.535	27.787	-11.107	
-19.630	0.913	110.589										
1920.500	87.497	136.516	183.191	5.332	5.370	5.394	5.423	5.430	5.459	28.017	-11.297	
-13.640	0.915	110.543										
1921.000	87.815	139.345	182.930	5.341	5.379	5.405	5.434	5.439	5.467	28.241	-11.124	
-12.821	0.929	110.449										
1921.500	87.842	140.431	180.388	5.413	5.457	5.485	5.514	5.518	5.544	28.260	-11.116	
-16.909	0.953	110.324										



1922.000	87.607	136.498	177.952	5.477	5.533	5.565	5.594	5.597	5.620	28.095	-11.305	
-19.334	0.974	110.417										
1922.500	87.442	132.078	179.246	5.424	5.494	5.530	5.558	5.559	5.579	27.979	-11.193	
-18.242	0.979	110.686										
1923.000	87.743	132.465	185.534	5.227	5.307	5.347	5.373	5.373	5.390	28.190	-10.690	
-16.276	0.977	110.822										
1923.500	88.606	136.159	193.547	5.001	5.088	5.130	5.153	5.153	5.167	28.796	-9.971	-14.296
0.980	110.830											
1924.000	89.746	139.027	199.037	4.860	4.951	4.993	5.013	5.014	5.024	29.597	-8.951	-15.351
0.983	110.809											
1924.500	90.743	142.218	201.393	4.808	4.898	4.939	4.957	4.957	4.965	30.297	-8.199	-16.725
0.981	110.742											
1925.000	91.347	145.502	202.461	4.792	4.878	4.916	4.932	4.934	4.939	30.721	-7.920	-9.939
0.980	110.699											
1925.500	91.583	145.335	203.274	4.783	4.863	4.897	4.914	4.916	4.919	30.887	-7.840	-0.529
0.982	110.742											
1926.000	91.641	143.447	203.540	4.786	4.858	4.891	4.908	4.911	4.913	30.928	-7.834	2.207
0.981	110.809											
1926.500	91.665	142.953	203.343	4.796	4.861	4.893	4.912	4.917	4.918	30.944	-8.079	1.785
0.976	110.830											
1927.000	91.655	143.709	203.074	4.804	4.864	4.897	4.918	4.923	4.924	30.938	-8.600	4.795
0.975	110.826											
1927.500	91.587	145.504	202.577	4.817	4.872	4.905	4.929	4.935	4.936	30.890	-9.350	9.975
0.985	110.779											
1928.000	91.479	148.172	202.225	4.826	4.877	4.910	4.937	4.943	4.945	30.814	-10.122	
12.017	1.003	110.711										
1928.500	91.348	149.658	202.605	4.819	4.867	4.898	4.927	4.933	4.936	30.722	-10.476	8.334
1.010	110.711											
1929.000	91.160	149.513	202.163	4.835	4.877	4.907	4.936	4.942	4.947	30.590	-10.564	1.883
1.007	110.758											
1929.500	90.880	148.305	199.338	4.908	4.946	4.976	5.006	5.011	5.017	30.393	-10.546	-2.589
1.002	110.738											
1930.000	90.604	146.327	196.673	4.972	5.013	5.043	5.074	5.078	5.085	30.199	-10.587	-4.895
0.997	110.695											
1930.500	90.539	144.612	197.907	4.932	4.982	5.013	5.042	5.045	5.053	30.154	-10.712	1.604
0.984	110.691											
1931.000	90.832	143.648	203.114	4.797	4.854	4.885	4.912	4.914	4.923	30.360	-10.856	
11.321	0.971	110.691										
1931.500	91.408	143.143	208.267	4.676	4.735	4.765	4.790	4.792	4.802	30.764	-10.660	
12.640	0.962	110.691										
1932.000	91.987	143.954	209.222	4.663	4.715	4.744	4.768	4.769	4.780	31.170	-10.587	9.099
0.953	110.691											
1932.500	92.289	144.819	206.634	4.736	4.777	4.804	4.828	4.828	4.839	31.382	-10.653	
11.370	0.943	110.695										
1933.000	92.248	145.504	204.266	4.804	4.834	4.859	4.883	4.883	4.896	31.354	-10.730	
13.520	0.936	110.742										
1933.500	92.025	146.513	203.375	4.834	4.855	4.878	4.904	4.904	4.917	31.197	-10.906	9.064
0.938	110.809											
1934.000	91.804	147.478	202.596	4.856	4.871	4.893	4.922	4.922	4.936	31.042	-11.150	3.119
0.946	110.830											
1934.500	91.665	147.236	201.544	4.881	4.892	4.915	4.946	4.946	4.962	30.944	-11.105	-0.097
0.953	110.847											
1935.000	91.515	147.057	200.566	4.906	4.912	4.934	4.969	4.969	4.986	30.839	-11.128	-2.376
0.956	110.867											

1935.500	91.142	146.075	198.467	4.964	4.961	4.981	5.020	5.020	5.039	30.577	-11.198	-4.119
0.956	110.821											
1936.000	90.426	143.216	193.517	5.099	5.087	5.105	5.147	5.147	5.167	30.075	-11.287	-4.180
0.956	110.736											
1936.500	89.453	139.916	186.475	5.298	5.278	5.294	5.340	5.340	5.363	29.391	-11.589	-5.225
0.960	110.804											
1937.000	88.439	137.322	180.792	5.465	5.442	5.458	5.507	5.506	5.531	28.679	-12.053	-9.049
0.968	110.940											
1937.500	87.605	135.253	178.258	5.535	5.517	5.534	5.584	5.584	5.610	28.093	-12.283	
-15.338	0.983	110.948										
1938.000	87.028	134.530	176.422	5.576	5.572	5.591	5.641	5.641	5.668	27.688	-12.504	
-23.241	1.001	110.898										
1938.500	86.656	136.163	173.720	5.639	5.656	5.679	5.729	5.728	5.756	27.427	-12.694	
-31.119	1.017	110.875										
1939.000	86.514	137.786	173.207	5.633	5.672	5.698	5.746	5.746	5.773	27.328	-12.575	
-34.704	1.027	110.898										
1939.500	86.744	137.868	176.651	5.508	5.562	5.590	5.634	5.634	5.661	27.489	-12.511	
-31.907	1.030	110.985										
1940.000	87.406	138.254	181.869	5.346	5.405	5.434	5.473	5.474	5.498	27.953	-12.423	
-26.361	1.029	111.094										
1940.500	88.325	141.791	186.456	5.220	5.278	5.304	5.339	5.341	5.363	28.599	-12.011	
-24.954	1.030	111.137										
1941.000	89.185	146.905	189.622	5.147	5.198	5.220	5.252	5.253	5.274	29.203	-11.626	
-28.900	1.025	111.124										
1941.500	89.714	147.375	191.743	5.110	5.149	5.167	5.195	5.197	5.215	29.575	-11.490	
-28.980	1.006	111.032										
1942.000	89.850	143.327	193.229	5.090	5.116	5.130	5.157	5.158	5.175	29.670	-11.280	
-20.726	0.980	110.906										
1942.500	89.771	141.291	193.759	5.084	5.105	5.118	5.145	5.146	5.161	29.614	-11.239	-8.630
0.963	110.797											
1943.000	89.752	142.654	193.298	5.085	5.114	5.131	5.160	5.161	5.173	29.601	-11.326	-1.865
0.955	110.806											
1943.500	90.072	144.352	194.253	5.035	5.082	5.106	5.135	5.138	5.148	29.826	-11.065	-4.217
0.951	110.979											
1944.000	90.842	147.699	199.880	4.869	4.932	4.962	4.991	4.995	5.003	30.367	-10.598	-7.962
0.945	111.038											
1944.500	91.817	152.186	208.196	4.668	4.730	4.763	4.792	4.796	4.803	31.051	-10.085	-6.874
0.938	110.855											
1945.000	92.497	153.398	211.824	4.601	4.650	4.681	4.710	4.715	4.721	31.529	-9.605	-5.405
0.930	110.715											
1945.500	92.467	151.222	207.138	4.733	4.761	4.787	4.817	4.821	4.828	31.508	-9.500	-6.294
0.921	110.669											
1946.000	91.667	149.263	199.241	4.954	4.958	4.977	5.008	5.011	5.019	30.946	-9.752	-6.975
0.914	110.632											
1946.500	90.427	148.138	194.266	5.109	5.093	5.105	5.136	5.138	5.148	30.075	-10.028	
-10.254	0.911	110.771										
1947.000	89.219	145.208	190.690	5.216	5.192	5.199	5.231	5.232	5.244	29.227	-10.512	
-17.277	0.914	111.067										
1947.500	88.217	140.253	186.151	5.334	5.318	5.325	5.358	5.357	5.372	28.523	-11.081	
-22.790	0.920	111.244										
1948.000	87.244	137.107	182.748	5.411	5.412	5.422	5.456	5.456	5.472	27.840	-11.445	
-23.101	0.926	111.171										
1948.500	86.195	138.776	179.729	5.473	5.495	5.512	5.546	5.546	5.564	27.103	-12.177	
-22.684	0.929	110.968										

1949.000	85.306	140.482	175.003	5.590	5.637	5.661	5.695	5.695	5.714	26.479	-13.152	
-21.246	0.932	110.947										
1949.500	85.114	137.736	175.083	5.560	5.629	5.660	5.692	5.691	5.712	26.344	-13.487	
-16.140	0.940	111.196										
1950.000	86.057	134.942	185.828	5.219	5.299	5.333	5.362	5.362	5.381	27.006	-13.203	-9.456
0.950	111.446											
1950.500	87.986	137.239	200.519	4.832	4.910	4.944	4.968	4.969	4.987	28.361	-12.310	-9.628
0.949	111.493											
1951.000	90.225	138.734	209.447	4.632	4.704	4.735	4.755	4.757	4.774	29.933	-10.729	
-17.528	0.939	111.331										
1951.500	91.970	129.823	212.592	4.580	4.641	4.666	4.684	4.686	4.704	31.159	-9.368	-27.834
0.932	111.099											
1952.000	92.560	127.666	212.499	4.608	4.651	4.668	4.686	4.688	4.706	31.573	-8.781	-39.352
0.933	110.980											
1952.500	91.730	152.455	205.893	4.789	4.807	4.816	4.836	4.838	4.857	30.990	-8.697	-52.793
0.939	111.047											
1953.000	89.808	186.559	190.296	5.206	5.206	5.209	5.232	5.235	5.255	29.641	-9.612	-59.480
0.952	111.225											
1953.500	87.636	201.454	175.153	5.654	5.655	5.657	5.685	5.687	5.709	28.115	-11.143	
-51.975	0.965	111.368										
1954.000	86.259	197.414	173.429	5.679	5.703	5.711	5.741	5.743	5.766	27.148	-12.405	
-38.654	0.963	111.395										
1954.500	86.360	183.161	184.355	5.305	5.354	5.371	5.400	5.402	5.424	27.219	-13.029	
-31.329	0.947	111.306										
1955.000	87.786	166.076	195.811	4.974	5.034	5.058	5.084	5.087	5.107	28.221	-12.734	
-27.625	0.937	111.078										
1955.500	89.690	155.595	200.555	4.854	4.915	4.941	4.964	4.967	4.986	29.558	-11.761	
-18.637	0.939	110.905										
1956.000	91.055	152.134	201.073	4.858	4.908	4.931	4.952	4.955	4.973	30.516	-11.079	-8.916
0.939	111.061											
1956.500	91.200	149.765	199.499	4.925	4.956	4.971	4.991	4.994	5.013	30.618	-10.943	-6.350
0.928	111.378											
1957.000	90.142	147.083	193.462	5.104	5.118	5.127	5.147	5.150	5.169	29.875	-11.090	-7.868
0.919	111.509											
1957.500	88.561	142.206	184.588	5.353	5.364	5.372	5.394	5.397	5.417	28.764	-11.632	-5.318
0.920	111.423											
1958.000	87.442	138.697	182.265	5.396	5.424	5.438	5.461	5.465	5.487	27.979	-12.032	-0.941
0.925	111.239											
1958.500	87.533	140.501	190.768	5.118	5.168	5.191	5.216	5.220	5.242	28.043	-11.712	-0.121
0.925	111.006											
1959.000	88.767	144.575	202.185	4.799	4.864	4.894	4.919	4.925	4.946	28.910	-10.901	-2.424
0.920	110.874											
1959.500	90.280	146.738	207.116	4.671	4.740	4.775	4.801	4.807	4.828	29.972	-9.859	-1.790
0.911	110.986											
1960.000	91.146	147.284	205.061	4.723	4.787	4.822	4.848	4.855	4.877	30.580	-8.857	-0.541
0.906	111.263											
1960.500	91.040	146.975	199.573	4.872	4.923	4.955	4.982	4.988	5.011	30.505	-8.451	-5.972
0.912	111.466											
1961.000	90.293	145.537	193.529	5.050	5.085	5.110	5.139	5.144	5.167	29.981	-8.601	-15.086
0.928	111.521											
1961.500	89.484	144.420	189.413	5.182	5.203	5.223	5.252	5.257	5.279	29.413	-8.709	-18.371
0.940	111.526											
1962.000	88.953	144.674	188.413	5.219	5.236	5.253	5.282	5.286	5.307	29.040	-8.903	-15.562
0.941	111.526											

1962.500	88.759	145.204	189.707	5.182	5.202	5.221	5.248	5.252	5.271	28.904	-9.100	-12.086
0.935	111.484											
1963.000	88.911	144.861	192.340	5.102	5.133	5.154	5.179	5.183	5.199	29.011	-9.070	-9.151
0.931	111.349											
1963.500	89.422	144.297	196.188	4.993	5.035	5.059	5.080	5.084	5.097	29.369	-8.896	-6.432
0.929	111.265											
1964.000	90.207	144.048	200.861	4.872	4.923	4.948	4.964	4.969	4.979	29.920	-8.669	-8.057
0.931	111.349											
1964.500	91.054	144.436	204.848	4.780	4.834	4.858	4.871	4.876	4.882	30.515	-8.246	-15.252
0.941	111.480											
1965.000	91.731	147.094	207.376	4.730	4.782	4.805	4.814	4.820	4.822	30.991	-7.962	-22.384
0.958	111.470											
1965.500	92.136	150.466	209.225	4.698	4.746	4.768	4.774	4.781	4.780	31.276	-7.927	-26.880
0.965	111.335											
1966.000	92.366	151.150	211.189	4.658	4.705	4.728	4.732	4.741	4.735	31.437	-7.827	-30.195
0.955	111.196											
1966.500	92.609	149.319	214.242	4.587	4.637	4.662	4.666	4.675	4.668	31.607	-7.687	-32.665
0.939	111.170											
1967.000	92.992	149.418	219.139	4.474	4.530	4.558	4.563	4.572	4.563	31.876	-7.500	-27.544
0.930	111.196											
1967.500	93.507	152.200	224.982	4.348	4.410	4.440	4.446	4.456	4.445	32.238	-7.151	-17.814
0.928	111.227											
1968.000	94.058	153.182	230.204	4.245	4.311	4.342	4.347	4.358	4.344	32.625	-6.924	-13.266
0.929	111.340											
1968.500	94.551	151.748	233.481	4.188	4.253	4.284	4.288	4.299	4.283	32.972	-7.021	-13.938
0.930	111.450											
1969.000	94.909	151.872	234.713	4.177	4.235	4.264	4.268	4.279	4.261	33.223	-7.054	-9.670
0.932	111.437											
1969.500	95.065	153.542	234.846	4.190	4.238	4.265	4.267	4.279	4.258	33.332	-7.150	-3.711
0.932	111.462											
1970.000	95.000	153.322	233.464	4.231	4.268	4.292	4.294	4.305	4.283	33.286	-7.306	-6.101
0.930	111.593											
1970.500	94.774	151.122	230.345	4.297	4.327	4.351	4.354	4.364	4.341	33.128	-7.317	-10.641
0.931	111.640											
1971.000	94.547	148.615	228.237	4.336	4.365	4.392	4.395	4.404	4.381	32.969	-7.240	-8.555
0.939	111.577											
1971.500	94.502	148.362	229.469	4.303	4.337	4.367	4.372	4.380	4.358	32.937	-7.127	-5.011
0.948	111.530											
1972.000	94.706	151.142	233.233	4.221	4.261	4.295	4.301	4.308	4.288	33.080	-6.554	-11.214
0.951	111.521											
1972.500	95.077	152.861	237.230	4.142	4.184	4.220	4.228	4.234	4.215	33.341	-5.878	-24.406
0.950	111.495											
1973.000	95.458	150.114	239.401	4.104	4.143	4.179	4.188	4.193	4.177	33.608	-5.375	-30.758
0.951	111.495											
1973.500	95.725	146.324	239.631	4.107	4.139	4.171	4.182	4.186	4.173	33.796	-4.930	-27.835
0.958	111.517											
1974.000	95.830	146.092	239.240	4.125	4.147	4.175	4.187	4.190	4.180	33.869	-4.773	-22.408
0.971	111.474											
1974.500	95.763	149.536	238.723	4.146	4.157	4.180	4.194	4.195	4.189	33.822	-4.945	-17.414
0.988	111.395											
1975.000	95.514	152.866	236.577	4.192	4.196	4.215	4.230	4.230	4.227	33.647	-4.969	-16.448
1.002	111.405											
1975.500	95.102	153.557	231.977	4.279	4.280	4.298	4.314	4.312	4.311	33.358	-5.051	-27.510
1.007	111.544											

1976.000	94.623	151.977	227.541	4.358	4.364	4.381	4.398	4.395	4.395	33.022	-5.277	-43.505
1.002	111.650											
1976.500	94.230	150.831	225.812	4.380	4.393	4.411	4.429	4.427	4.428	32.746	-5.329	-50.381
0.991	111.560											
1977.000	94.046	151.388	226.175	4.359	4.379	4.400	4.419	4.418	4.421	32.617	-5.472	-48.793
0.978	111.471											
1977.500	94.091	152.260	226.762	4.329	4.358	4.385	4.405	4.404	4.410	32.648	-5.770	-43.934
0.967	111.572											
1978.000	94.300	152.012	226.707	4.309	4.349	4.382	4.403	4.403	4.411	32.795	-5.940	-38.713
0.962	111.660											
1978.500	94.589	152.233	226.625	4.290	4.340	4.378	4.403	4.403	4.413	32.998	-6.148	-37.087
0.962	111.614											
1979.000	94.925	153.186	227.182	4.264	4.321	4.362	4.390	4.389	4.402	33.234	-6.499	-37.198
0.964	111.601											
1979.500	95.305	151.712	227.908	4.243	4.301	4.342	4.373	4.373	4.388	33.501	-6.696	-34.033
0.969	111.640											
1980.000	95.580	148.159	227.657	4.251	4.303	4.340	4.376	4.376	4.393	33.694	-6.948	-27.074
0.977	111.715											
1980.500	95.413	146.548	223.358	4.347	4.385	4.418	4.458	4.458	4.477	33.576	-7.398	-15.368
0.982	111.867											
1981.000	94.414	144.516	209.894	4.650	4.668	4.696	4.742	4.742	4.764	32.875	-7.887	-3.730
0.982	111.965											
1981.500	92.407	138.089	187.039	5.246	5.242	5.266	5.319	5.319	5.346	31.466	-8.770	1.039
0.984	111.871											
1982.000	89.707	131.286	164.531	5.982	5.962	5.987	6.046	6.046	6.078	29.570	-10.063	0.356
0.998	111.782											
1982.500	87.052	128.220	151.788	6.474	6.464	6.493	6.554	6.553	6.588	27.705	-11.311	3.490
1.021	111.804											
1983.000	85.211	126.403	149.850	6.512	6.544	6.583	6.639	6.638	6.673	26.412	-12.299	5.641
1.041	111.830											
1983.500	84.590	125.296	155.419	6.220	6.304	6.355	6.401	6.401	6.434	25.976	-12.779	4.556
1.049	111.808											
1984.000	85.070	127.512	164.380	5.836	5.961	6.017	6.053	6.053	6.083	26.313	-12.404	4.682
1.042	111.763											
1984.500	86.178	132.075	173.521	5.512	5.654	5.709	5.732	5.735	5.763	27.091	-11.643	3.718
1.029	111.586											
1985.000	87.433	137.654	181.180	5.283	5.427	5.474	5.488	5.494	5.519	27.972	-10.984	-6.931
1.017	111.346											
1985.500	88.559	141.816	186.825	5.141	5.275	5.313	5.321	5.329	5.353	28.764	-10.662	
-20.853	1.006	111.253										
1986.000	89.460	142.826	191.773	5.031	5.148	5.177	5.184	5.192	5.215	29.396	-10.663	
-23.441	0.993	111.317										
1986.500	90.180	143.148	197.688	4.901	4.998	5.021	5.029	5.038	5.058	29.901	-10.754	
-20.576	0.984	111.409										
1987.000	90.830	146.875	204.031	4.762	4.842	4.863	4.874	4.882	4.901	30.358	-10.449	
-21.307	0.983	111.494										
1987.500	91.490	151.627	209.312	4.650	4.717	4.739	4.754	4.760	4.778	30.822	-9.827	-20.306
0.982	111.484											
1988.000	92.184	153.507	212.667	4.582	4.641	4.663	4.682	4.687	4.702	31.309	-9.275	-10.512
0.975	111.369											
1988.500	92.806	153.438	213.534	4.571	4.621	4.644	4.666	4.671	4.683	31.745	-8.863	-1.708
0.968	111.395											
1989.000	93.155	153.500	211.570	4.624	4.666	4.689	4.713	4.717	4.727	31.991	-8.779	-3.675
0.970	111.664											

1989.500	93.102	153.454	208.239	4.711	4.745	4.768	4.792	4.795	4.802	31.954	-9.020	-12.102
0.980	111.939											
1990.000	92.686	152.186	206.238	4.770	4.797	4.819	4.841	4.844	4.849	31.662	-9.205	-17.695
0.987	112.037											
1990.500	92.108	150.002	205.688	4.793	4.815	4.837	4.856	4.858	4.862	31.255	-9.416	-19.617
0.989	112.070											
1991.000	91.619	147.580	204.901	4.818	4.840	4.861	4.876	4.877	4.880	30.912	-9.755	-19.802
0.992	112.092											
1991.500	91.377	145.237	203.938	4.842	4.868	4.889	4.900	4.900	4.903	30.742	-9.830	-17.837
0.996	111.995											
1992.000	91.363	144.098	204.225	4.835	4.866	4.886	4.894	4.894	4.897	30.732	-9.954	-15.615
1.001	111.770											
1992.500	91.467	144.643	205.566	4.803	4.838	4.858	4.863	4.863	4.865	30.805	-10.205	
-16.689	1.006	111.678										
1993.000	91.559	146.218	206.247	4.786	4.825	4.844	4.846	4.846	4.849	30.870	-10.270	
-18.081	1.010	111.855										
1993.500	91.546	146.740	205.693	4.799	4.840	4.858	4.859	4.859	4.862	30.861	-10.320	
-16.843	1.011	112.069										
1994.000	91.444	146.314	204.832	4.818	4.861	4.879	4.879	4.879	4.882	30.789	-10.429	
-13.853	1.013	111.981										
1994.500	91.344	146.586	204.444	4.827	4.870	4.887	4.888	4.888	4.891	30.719	-10.297	
-14.941	1.018	111.669										
1995.000	91.315	147.494	204.933	4.815	4.856	4.874	4.875	4.875	4.880	30.699	-10.161	
-16.428	1.023	111.533										
1995.500	91.373	148.185	206.124	4.786	4.825	4.843	4.846	4.846	4.851	30.739	-10.047	
-12.322	1.022	111.685										
1996.000	91.449	148.783	206.036	4.784	4.822	4.843	4.847	4.847	4.854	30.793	-9.754	-5.737
1.014	111.930											
1996.500	91.468	149.139	203.644	4.833	4.873	4.898	4.904	4.904	4.911	30.806	-9.527	-7.662
1.008	112.026											
1997.000	91.440	148.659	201.195	4.882	4.927	4.955	4.963	4.963	4.970	30.786	-9.479	-14.251
1.006	111.918											
1997.500	91.416	147.302	200.920	4.879	4.928	4.960	4.969	4.969	4.977	30.770	-9.352	-13.988
1.004	111.842											
1998.000	91.407	145.416	202.281	4.840	4.891	4.925	4.936	4.936	4.944	30.764	-9.405	-10.385
0.996	111.994											
1998.500	91.352	142.792	202.763	4.827	4.877	4.912	4.924	4.924	4.932	30.725	-9.548	-12.899
0.987	112.134											
1999.000	91.184	140.563	201.218	4.865	4.915	4.949	4.962	4.962	4.970	30.607	-9.458	-18.135
0.982	112.045											
1999.500	90.920	141.023	198.852	4.927	4.976	5.008	5.021	5.021	5.029	30.421	-9.449	-20.706
0.985	111.960											
2000.000	90.676	143.412	197.081	4.977	5.025	5.053	5.067	5.067	5.074	30.250	-9.671	-18.537
0.998	112.045											
2000.500	90.505	144.637	196.573	4.997	5.041	5.066	5.080	5.080	5.087	30.130	-9.715	-13.616
1.007	112.138											
2001.000	90.308	143.961	196.226	5.014	5.052	5.075	5.089	5.089	5.096	29.991	-9.736	-13.687
1.000	112.045											
2001.500	89.973	143.308	193.669	5.083	5.119	5.143	5.157	5.157	5.163	29.756	-9.910	-19.215
0.984	111.960											
2002.000	89.569	142.819	189.208	5.198	5.239	5.266	5.279	5.279	5.285	29.473	-9.844	-17.808
0.975	112.045											
2002.500	89.373	141.767	187.729	5.225	5.279	5.309	5.322	5.322	5.327	29.335	-9.768	-6.079
0.975	112.138											

2003.000	89.653	140.856	193.210	5.064	5.128	5.161	5.172	5.172	5.176	29.532	-9.760	2.884
0.982	112.045											
2003.500	90.382	143.254	201.886	4.842	4.910	4.943	4.951	4.951	4.953	30.043	-9.527	0.417
0.990	111.960											
2004.000	91.184	148.456	206.067	4.752	4.815	4.846	4.853	4.853	4.853	30.607	-9.207	-7.259
0.992	112.041											
2004.500	91.564	151.206	204.020	4.817	4.870	4.897	4.902	4.902	4.901	30.874	-9.132	-10.560
0.986	112.129											
2005.000	91.261	150.167	198.512	4.976	5.014	5.036	5.038	5.038	5.037	30.661	-9.124	-9.280
0.976	112.103											
2005.500	90.447	146.723	191.836	5.175	5.197	5.213	5.213	5.213	5.213	30.089	-9.371	-9.176
0.967	112.095											
2006.000	89.602	142.118	187.663	5.305	5.319	5.329	5.328	5.328	5.329	29.496	-9.861	-8.416
0.965	112.068											
2006.500	89.189	139.720	189.859	5.245	5.260	5.267	5.267	5.267	5.267	29.206	-10.074	-5.380
0.969	111.980											
2007.000	89.352	142.240	196.428	5.060	5.082	5.091	5.091	5.091	5.091	29.321	-9.999	-3.273
0.975	111.935											
2007.500	89.804	145.645	200.212	4.954	4.982	4.995	4.995	4.995	4.995	29.638	-9.865	-3.867
0.979	111.841											
2008.000	90.082	145.911	197.804	5.004	5.038	5.055	5.056	5.056	5.056	29.833	-9.495	-5.510
0.980	111.715											
2008.500	89.922	144.939	191.883	5.149	5.189	5.212	5.211	5.211	5.212	29.721	-9.336	-6.232
0.981	111.808											
2009.000	89.441	144.676	187.128	5.270	5.316	5.342	5.344	5.344	5.344	29.382	-9.473	-10.980
0.988	112.078											
2009.500	89.082	144.610	187.061	5.260	5.313	5.342	5.346	5.346	5.346	29.131	-9.403	-20.730
1.002	112.213											
2010.000	89.302	145.071	192.341	5.101	5.162	5.193	5.199	5.199	5.199	29.285	-9.110	-25.526
1.017	112.221											
2010.500	90.189	146.716	200.991	4.870	4.935	4.968	4.975	4.975	4.975	29.908	-8.743	-21.216
1.025	112.221											
2011.000	91.412	149.255	209.772	4.661	4.725	4.758	4.767	4.767	4.767	30.767	-8.110	-16.868
1.026	112.221											
2011.500	92.461	151.439	215.044	4.553	4.609	4.641	4.650	4.650	4.650	31.504	-7.610	-15.244
1.023	112.221											
2012.000	92.932	151.139	214.749	4.574	4.618	4.647	4.657	4.657	4.657	31.834	-7.395	-9.501
1.020	112.242											
2012.500	92.774	148.474	210.430	4.686	4.717	4.743	4.752	4.752	4.752	31.723	-7.370	-3.483
1.015	112.313											
2013.000	92.302	146.363	206.000	4.801	4.821	4.845	4.856	4.854	4.854	31.392	-7.579	-2.114
1.008	112.378											
2013.500	91.858	146.489	203.834	4.861	4.875	4.897	4.910	4.906	4.906	31.080	-8.079	-3.503
1.001	112.285											
2014.000	91.527	147.890	202.959	4.886	4.898	4.919	4.933	4.927	4.927	30.847	-8.640	-2.721
1.000	112.060											
2014.500	91.113	148.371	199.686	4.973	4.984	5.002	5.016	5.008	5.008	30.557	-9.252	1.044
1.003	111.927											
2015.000	90.319	146.898	190.388	5.235	5.239	5.250	5.263	5.252	5.252	29.999	-10.030	-1.285
1.006	111.947											
2015.500	89.036	144.973	176.438	5.668	5.668	5.668	5.679	5.664	5.668	29.098	-10.977	
-11.086	1.010	112.052										
2016.000	87.407	143.118	164.029	6.125	6.100	6.097	6.110	6.086	6.097	27.955	-12.088	
-15.919	1.011	112.166										

2016.500	85.643	140.306	156.729	6.470	6.416	6.380	6.393	6.361	6.380	26.716	-13.394	
-11.931	1.008	112.213										
2017.000	83.886	135.706	152.119	6.714	6.639	6.574	6.584	6.547	6.574	25.482	-14.702	
-11.368	1.008	112.191										
2017.500	82.262	128.585	146.689	6.977	6.898	6.818	6.817	6.777	6.817	24.341	-16.206	
-13.520	1.019	112.191										
2018.000	80.966	121.018	141.469	7.204	7.148	7.064	7.056	7.013	7.069	23.431	-17.849	-8.513
1.037	112.213											
2018.500	80.192	117.188	139.297	7.254	7.239	7.160	7.156	7.110	7.179	22.888	-19.252	-2.726
1.051	112.154											
2019.000	79.989	118.398	140.058	7.151	7.167	7.106	7.106	7.062	7.140	22.745	-20.090	-8.143
1.057	112.070											
2019.500	80.176	121.445	141.332	7.036	7.065	7.031	7.031	6.990	7.076	22.876	-20.375	
-17.149	1.059	112.163										
2020.000	80.470	123.742	141.699	7.001	7.004	7.001	6.996	6.966	7.057	23.083	-20.054	
-16.953	1.059	112.403										
2020.500	80.727	125.650	141.408	7.000	7.004	6.984	6.990	6.975	7.072	23.263	-19.480	
-14.154	1.047	112.466										
2021.000	80.996	127.667	141.106	6.959	6.990	6.964	6.986	6.987	7.087	23.452	-18.998	
-18.670	1.028	112.309										
2021.500	81.403	129.572	141.171	6.901	6.940	6.928	6.968	6.981	7.084	23.738	-18.273	
-22.696	1.016	112.098										
2022.000	81.988	131.418	142.182	6.810	6.854	6.853	6.908	6.932	7.033	24.149	-17.305	
-19.148	1.016	111.917										
2022.500	82.701	133.082	144.012	6.698	6.744	6.749	6.815	6.846	6.944	24.650	-16.397	
-16.806	1.016	111.850										
2023.000	83.421	133.606	145.435	6.626	6.672	6.677	6.749	6.780	6.876	25.155	-15.569	
-20.567	1.007	111.943										
2023.500	83.956	133.407	145.611	6.627	6.670	6.671	6.745	6.775	6.868	25.531	-14.899	
-23.433	0.992	112.103										
2024.000	84.122	132.840	144.491	6.702	6.738	6.733	6.806	6.833	6.921	25.647	-14.650	
-19.732	0.983	112.285										
2024.500	83.863	131.073	141.767	6.860	6.889	6.878	6.948	6.972	7.054	25.466	-14.423	
-16.569	0.982	112.323										
2025.000	83.307	128.105	138.332	7.058	7.084	7.069	7.133	7.153	7.229	25.075	-14.283	
-20.538	0.986	112.148										
2025.500	82.720	125.766	137.239	7.132	7.159	7.146	7.202	7.219	7.287	24.663	-14.321	
-29.982	0.993	112.052										
2026.000	82.427	125.808	139.749	7.007	7.044	7.037	7.083	7.097	7.156	24.457	-14.314	
-38.898	0.998	112.114										
2026.500	82.635	128.321	144.298	6.778	6.831	6.830	6.869	6.879	6.930	24.603	-14.302	
-45.152	0.996	112.160										
2027.000	83.315	131.238	150.393	6.493	6.561	6.565	6.597	6.605	6.649	25.081	-14.350	
-47.928	0.989	112.254										
2027.500	84.226	133.743	157.047	6.219	6.288	6.294	6.322	6.328	6.368	25.721	-14.011	
-52.838	0.982	112.372										
2028.000	84.972	136.528	159.214	6.151	6.208	6.212	6.240	6.245	6.281	26.245	-13.738	
-57.222	0.979	112.340										
2028.500	85.215	138.808	154.448	6.365	6.406	6.406	6.437	6.439	6.475	26.415	-13.949	
-50.472	0.979	112.231										
2029.000	84.924	138.639	148.210	6.649	6.678	6.676	6.710	6.712	6.747	26.211	-14.256	
-37.509	0.979	112.142										
2029.500	84.323	135.806	146.087	6.744	6.773	6.771	6.809	6.810	6.845	25.789	-14.610	
-32.390	0.979	112.066										



2030.000	83.700	132.761	147.350	6.670	6.708	6.711	6.752	6.752	6.787	25.351	-14.820	
-33.354	0.981	112.103										
2030.500	83.364	132.486	148.935	6.574	6.629	6.640	6.680	6.680	6.714	25.115	-14.261	
-32.085	0.986	112.202										
2031.000	83.482	135.404	149.908	6.510	6.581	6.599	6.638	6.638	6.671	25.198	-13.401	
-27.991	0.991	112.199										
2031.500	83.942	137.554	151.786	6.422	6.500	6.521	6.556	6.558	6.588	25.521	-12.637	
-21.952	0.997	112.156										
2032.000	84.478	137.320	154.174	6.334	6.405	6.425	6.456	6.458	6.486	25.898	-11.869	
-17.612	1.006	112.136										
2032.500	84.802	135.617	153.401	6.389	6.449	6.464	6.491	6.494	6.519	26.125	-11.611	
-17.551	1.011	112.123										
2033.000	84.799	133.926	149.725	6.568	6.620	6.629	6.654	6.656	6.679	26.123	-11.860	
-17.626	1.010	112.263										
2033.500	84.658	133.556	149.115	6.611	6.657	6.662	6.684	6.686	6.706	26.024	-11.963	
-13.246	1.011	112.532										
2034.000	84.652	135.455	153.170	6.444	6.484	6.489	6.510	6.512	6.529	26.020	-11.892	-9.683
1.011	112.718											
2034.500	84.893	136.937	157.326	6.275	6.311	6.321	6.341	6.342	6.356	26.189	-11.773	
-11.291	1.008	112.745										
2035.000	85.360	135.196	159.524	6.179	6.220	6.237	6.257	6.259	6.269	26.517	-11.267	
-12.068	1.004	112.542										
2035.500	86.008	133.585	162.708	6.043	6.095	6.119	6.138	6.141	6.146	26.972	-10.827	-6.922
1.004	112.159											
2036.000	86.769	137.120	168.523	5.821	5.884	5.911	5.928	5.933	5.934	27.506	-10.521	-0.743
1.008	111.909											
2036.500	87.490	142.972	173.907	5.636	5.704	5.731	5.747	5.753	5.750	28.013	-10.037	1.670
1.008	111.972											
2037.000	87.968	145.589	175.688	5.582	5.651	5.676	5.691	5.698	5.692	28.349	-9.635	2.714
1.003	112.234											
2037.500	88.151	143.836	175.597	5.593	5.658	5.682	5.695	5.702	5.695	28.477	-9.608	6.389
0.995	112.481											
2038.000	88.289	141.356	177.610	5.538	5.595	5.619	5.630	5.638	5.630	28.574	-9.464	6.137
0.991	112.550											
2038.500	88.694	141.994	183.477	5.368	5.416	5.439	5.450	5.459	5.450	28.858	-9.301	-3.728
0.991	112.368											
2039.000	89.414	145.998	191.455	5.148	5.188	5.212	5.223	5.232	5.223	29.363	-9.030	-11.333
0.990	112.085											
2039.500	90.153	150.020	197.034	5.001	5.037	5.064	5.075	5.084	5.075	29.883	-8.562	-6.050
0.986	111.902											
2040.000	90.593	152.633	197.878	4.977	5.013	5.041	5.054	5.062	5.054	30.192	-8.241	0.768
0.981	111.909											
2040.500	90.729	153.253	196.491	5.011	5.047	5.074	5.089	5.098	5.089	30.287	-8.253	-0.023
0.980	112.107											
2041.000	90.751	152.403	196.078	5.027	5.057	5.083	5.100	5.109	5.100	30.303	-8.226	-2.239
0.986	112.399											
2041.500	90.783	150.999	196.709	5.022	5.041	5.065	5.084	5.092	5.084	30.325	-8.325	-4.618
0.990	112.595											
2042.000	90.777	148.882	196.362	5.042	5.051	5.072	5.093	5.101	5.093	30.321	-8.589	-10.943
0.980	112.569											
2042.500	90.621	147.133	194.693	5.093	5.094	5.115	5.136	5.144	5.136	30.211	-8.662	-15.839
0.960	112.506											
2043.000	90.285	146.910	193.958	5.119	5.113	5.133	5.156	5.162	5.156	29.975	-8.722	-13.387
0.951	112.524											

2043.500	89.831	147.352	193.873	5.127	5.113	5.136	5.158	5.164	5.158	29.657	-8.940	-7.711
0.961	112.414											
2044.000	89.317	147.000	190.594	5.218	5.200	5.225	5.247	5.252	5.247	29.296	-8.874	-6.975
0.988	112.292											
2044.500	88.781	146.167	184.255	5.391	5.377	5.406	5.427	5.431	5.427	28.919	-8.787	-8.419
1.023	112.444											
2045.000	88.387	144.983	180.739	5.474	5.480	5.514	5.533	5.535	5.533	28.642	-8.752	-4.776
1.044	112.617											
2045.500	88.312	145.630	182.954	5.377	5.412	5.450	5.466	5.467	5.466	28.590	-8.433	-1.673
1.030	112.389											
2046.000	88.548	148.311	187.256	5.222	5.288	5.328	5.340	5.340	5.340	28.756	-8.138	-6.940
0.988	112.122											
2046.500	88.873	150.254	188.464	5.159	5.257	5.298	5.306	5.306	5.306	28.984	-8.101	-11.541
0.941	112.177											
2047.000	88.991	149.104	185.714	5.210	5.341	5.382	5.385	5.385	5.385	29.067	-8.091	-7.962
0.903	112.313											
2047.500	88.794	146.983	183.261	5.262	5.422	5.457	5.457	5.457	5.457	28.928	-8.259	-5.104
0.874	112.275											
2048.000	88.451	145.400	184.728	5.219	5.391	5.415	5.415	5.415	5.413	28.688	-8.627	-9.162
0.852	112.308											
2048.500	88.197	144.763	187.734	5.153	5.316	5.330	5.331	5.330	5.327	28.509	-8.811	-13.169
0.838	112.470											
2049.000	88.109	145.103	188.538	5.160	5.303	5.309	5.310	5.309	5.304	28.447	-9.067	-12.157
0.838	112.526											
2049.500	88.162	145.820	187.272	5.227	5.347	5.347	5.349	5.347	5.340	28.484	-9.585	-11.078
0.852	112.513											
2050.000	88.368	147.105	186.357	5.274	5.375	5.374	5.378	5.375	5.366	28.629	-10.216	
-15.249	0.869	112.602										
2050.500	88.812	148.294	188.755	5.209	5.308	5.311	5.312	5.308	5.298	28.941	-10.887	
-18.892	0.876	112.741										
2051.000	89.562	148.377	195.908	5.005	5.116	5.122	5.121	5.116	5.104	29.468	-11.405	
-14.639	0.869	112.833										
2051.500	90.407	148.315	204.547	4.780	4.901	4.910	4.907	4.901	4.889	30.061	-11.239	
-10.139	0.853	112.947										
2052.000	90.867	149.340	207.988	4.704	4.821	4.833	4.828	4.821	4.808	30.384	-10.718	
-10.582	0.844	112.994										
2052.500	90.607	149.251	202.198	4.865	4.960	4.974	4.967	4.960	4.946	30.202	-10.158	-9.859
0.857	112.839											
2053.000	89.739	147.345	189.880	5.225	5.288	5.298	5.289	5.282	5.266	29.592	-9.677	-6.179
0.889	112.619											
2053.500	88.777	145.621	180.725	5.541	5.567	5.566	5.556	5.549	5.533	28.917	-9.422	-4.997
0.939	112.614											
2054.000	88.256	145.309	182.031	5.515	5.535	5.526	5.515	5.509	5.494	28.551	-9.365	-6.434
0.990	112.787											
2054.500	88.282	145.848	188.953	5.340	5.331	5.319	5.309	5.305	5.292	28.569	-9.151	-6.257
1.017	112.896											
2055.000	88.564	147.507	192.115	5.262	5.237	5.226	5.218	5.215	5.205	28.767	-8.941	-7.153
1.019	112.917											
2055.500	88.819	149.896	190.714	5.292	5.267	5.258	5.252	5.251	5.243	28.946	-8.824	-9.392
1.023	112.913											
2056.000	89.017	151.143	190.450	5.276	5.264	5.259	5.256	5.256	5.251	29.085	-8.679	-9.220
1.028	112.866											
2056.500	89.305	151.872	194.178	5.153	5.153	5.153	5.153	5.153	5.150	29.287	-8.538	-3.980
1.016	112.794											

2057.000	89.793	153.250	199.605	5.009	5.010	5.010	5.010	5.010	5.010	29.630	-8.403	-0.120
0.995	112.743											
2057.500	90.431	153.644	203.836	4.891	4.906	4.906	4.906	4.906	4.906	30.078	-8.062	-5.509
0.979	112.675											
2058.000	91.113	152.734	206.052	4.834	4.850	4.853	4.853	4.853	4.853	30.557	-7.748	-15.625
0.969	112.567											
2058.500	91.724	153.849	206.597	4.824	4.834	4.838	4.840	4.840	4.840	30.986	-7.534	-19.230
0.965	112.529											
2059.000	91.992	156.847	205.878	4.847	4.849	4.852	4.857	4.858	4.857	31.174	-7.269	-18.268
0.965	112.643											
2059.500	91.627	157.994	202.192	4.939	4.936	4.938	4.946	4.947	4.946	30.918	-7.134	-22.534
0.965	112.804											
2060.000	90.597	155.115	192.911	5.171	5.172	5.175	5.184	5.186	5.184	30.195	-7.279	-26.744
0.964	112.892											
2060.500	89.332	148.144	182.361	5.450	5.467	5.474	5.484	5.486	5.484	29.306	-7.436	-26.654
0.968	112.862											
2061.000	88.602	141.782	180.958	5.462	5.504	5.517	5.526	5.529	5.526	28.794	-7.548	-27.755
0.978	112.751											
2061.500	88.918	142.695	191.085	5.146	5.206	5.226	5.233	5.236	5.233	29.015	-7.623	-29.671
0.980	112.752											
2062.000	90.111	149.188	204.215	4.805	4.868	4.891	4.897	4.900	4.897	29.853	-7.356	-25.985
0.974	112.975											
2062.500	91.529	154.000	212.283	4.624	4.683	4.706	4.711	4.714	4.711	30.849	-7.011	-20.942
0.975	113.199											
2063.000	92.561	155.154	214.944	4.575	4.628	4.648	4.652	4.655	4.652	31.574	-6.914	-19.338
0.982	113.158											
2063.500	93.015	154.464	215.879	4.565	4.612	4.626	4.632	4.635	4.632	31.892	-6.803	-15.224
0.986	112.870											
2064.000	93.126	153.913	217.571	4.538	4.576	4.586	4.593	4.598	4.596	31.970	-6.740	-6.431
0.987	112.580											
2064.500	93.198	154.980	219.870	4.494	4.525	4.533	4.542	4.548	4.548	32.021	-6.840	-1.000
0.986	112.471											
2065.000	93.323	156.671	222.002	4.450	4.474	4.483	4.494	4.502	4.504	32.109	-6.762	-2.718
0.984	112.543											
2065.500	93.477	157.608	223.489	4.415	4.435	4.446	4.461	4.471	4.474	32.217	-6.628	-6.208
0.985	112.729											
2066.000	93.639	157.972	224.498	4.389	4.406	4.420	4.438	4.449	4.454	32.331	-6.610	-5.139
0.988	112.974											
2066.500	93.833	157.161	226.053	4.354	4.369	4.385	4.406	4.417	4.424	32.467	-6.416	-2.337
0.990	113.103											
2067.000	94.106	155.241	228.585	4.303	4.315	4.333	4.356	4.366	4.375	32.658	-6.284	-6.155
0.988	113.031											
2067.500	94.452	153.968	231.075	4.256	4.266	4.284	4.309	4.318	4.328	32.902	-6.254	-9.239
0.986	112.866											
2068.000	94.815	155.080	232.534	4.227	4.237	4.256	4.282	4.291	4.300	33.157	-6.027	-4.484
0.985	112.822											
2068.500	95.112	156.643	233.529	4.206	4.218	4.237	4.264	4.272	4.282	33.365	-5.711	-0.648
0.984	112.976											
2069.000	95.296	156.680	235.062	4.174	4.189	4.209	4.237	4.244	4.254	33.494	-5.531	-2.774
0.980	113.090											
2069.500	95.363	155.866	236.324	4.149	4.166	4.186	4.215	4.221	4.231	33.542	-5.264	-1.814
0.976	112.938											
2070.000	95.315	156.949	235.901	4.156	4.172	4.192	4.223	4.229	4.239	33.508	-5.050	0.355
0.969	112.673											

2070.500	95.150	157.773	233.890	4.196	4.207	4.227	4.260	4.266	4.276	33.392	-5.077	-3.076
0.959	112.563											
2071.000	94.917	155.184	230.291	4.270	4.273	4.293	4.327	4.333	4.342	33.228	-5.158	-7.751
0.953	112.627											
2071.500	94.713	151.451	225.756	4.367	4.360	4.379	4.414	4.420	4.430	33.085	-5.339	-5.401
0.954	112.720											
2072.000	94.605	150.744	223.455	4.423	4.407	4.425	4.459	4.465	4.475	33.009	-5.654	0.604
0.960	112.838											
2072.500	94.583	153.461	224.166	4.415	4.397	4.413	4.444	4.452	4.461	32.994	-5.840	4.054
0.964	113.011											
2073.000	94.559	156.838	223.494	4.427	4.414	4.428	4.457	4.465	4.474	32.977	-5.951	3.440
0.958	112.989											
2073.500	94.438	156.793	219.706	4.493	4.493	4.507	4.532	4.543	4.552	32.892	-6.143	-0.068
0.949	112.774											
2074.000	94.246	154.034	217.151	4.531	4.547	4.563	4.584	4.597	4.605	32.757	-6.179	-3.673
0.943	112.778											
2074.500	94.081	154.611	218.030	4.494	4.528	4.547	4.564	4.580	4.587	32.641	-6.116	-1.559
0.939	113.045											
2075.000	93.980	162.288	221.409	4.403	4.456	4.480	4.493	4.511	4.517	32.570	-6.043	5.898
0.935	113.205											
2075.500	93.915	173.364	233.023	4.161	4.230	4.257	4.268	4.287	4.291	32.524	-5.840	10.294
0.931	113.255											
2076.000	93.761	178.687	260.965	3.707	3.776	3.802	3.810	3.830	3.832	32.417	-5.622	6.376
0.924	113.356											
2076.500	93.330	172.262	292.252	3.319	3.372	3.394	3.402	3.421	3.422	32.114	-5.602	-3.072
0.912	113.330											
2077.000	92.573	158.916	300.913	3.248	3.279	3.296	3.304	3.323	3.323	31.582	-5.496	-11.754
0.898	113.145											
2077.500	91.657	147.193	286.796	3.441	3.446	3.457	3.468	3.488	3.487	30.939	-5.500	-16.619
0.893	113.055											
2078.000	90.908	139.890	273.586	3.636	3.617	3.623	3.637	3.657	3.655	30.413	-5.724	-22.321
0.903	113.164											
2078.500	90.657	137.223	273.477	3.647	3.620	3.622	3.640	3.659	3.657	30.236	-5.741	-30.821
0.918	113.322											
2079.000	90.977	138.310	277.335	3.598	3.568	3.571	3.591	3.609	3.606	30.462	-5.688	-34.896
0.925	113.363											
2079.500	91.591	140.316	275.733	3.613	3.584	3.592	3.614	3.630	3.627	30.893	-5.736	-30.872
0.920	113.253											
2080.000	92.110	140.845	270.010	3.669	3.654	3.669	3.693	3.708	3.704	31.257	-5.580	-25.942
0.911	113.119											
2080.500	92.336	139.573	264.951	3.721	3.720	3.740	3.765	3.779	3.774	31.415	-5.481	-24.082
0.903	112.996											
2081.000	92.308	137.517	262.290	3.749	3.758	3.781	3.805	3.817	3.813	31.396	-5.596	-21.981
0.896	112.810											
2081.500	92.219	136.200	261.083	3.764	3.778	3.801	3.824	3.835	3.830	31.334	-5.587	-19.093
0.894	112.721											
2082.000	92.218	136.111	260.623	3.770	3.788	3.810	3.832	3.842	3.837	31.333	-5.598	-16.602
0.898	112.907											
2082.500	92.303	136.071	261.438	3.756	3.779	3.801	3.820	3.831	3.825	31.393	-5.673	-13.378
0.903	113.244											
2083.000	92.409	136.287	263.652	3.723	3.749	3.770	3.787	3.799	3.793	31.467	-5.442	-7.311
0.901	113.502											
2083.500	92.485	138.012	266.425	3.686	3.712	3.732	3.747	3.759	3.753	31.520	-5.096	-1.074
0.893	113.555											

2084.000	92.528	140.581	269.257	3.654	3.674	3.693	3.707	3.720	3.714	31.550	-4.961	2.463
0.888	113.293											
2084.500	92.589	142.302	272.610	3.619	3.630	3.647	3.661	3.674	3.668	31.593	-4.906	5.306
0.891	112.938											
2085.000	92.720	142.759	277.214	3.571	3.571	3.586	3.599	3.614	3.607	31.686	-5.045	7.395
0.896	112.897											
2085.500	92.918	142.363	281.912	3.522	3.512	3.526	3.539	3.554	3.547	31.824	-5.411	6.983
0.900	113.117											
2086.000	93.124	141.382	283.862	3.506	3.488	3.501	3.515	3.529	3.523	31.969	-5.562	5.551
0.903	113.302											
2086.500	93.264	140.404	282.328	3.529	3.507	3.520	3.534	3.549	3.542	32.068	-5.709	5.700
0.908	113.428											
2087.000	93.273	139.869	280.281	3.555	3.531	3.545	3.561	3.575	3.568	32.073	-5.940	4.394
0.911	113.469											
2087.500	93.117	139.434	280.374	3.553	3.530	3.544	3.561	3.574	3.567	31.964	-5.951	1.008
0.910	113.326											
2088.000	92.830	140.299	282.299	3.527	3.506	3.521	3.538	3.550	3.542	31.763	-5.916	0.416
0.909	113.097											
2088.500	92.526	141.459	284.111	3.503	3.485	3.500	3.517	3.528	3.520	31.549	-5.911	9.056
0.915	112.992											
2089.000	92.351	140.884	284.758	3.492	3.479	3.495	3.511	3.520	3.512	31.426	-5.610	18.957
0.937	113.103											
2089.500	92.386	140.076	285.580	3.477	3.472	3.487	3.502	3.510	3.502	31.451	-5.309	16.774
0.963	113.297											
2090.000	92.575	141.109	288.007	3.443	3.445	3.460	3.472	3.480	3.472	31.584	-5.179	6.820
0.967	113.340											
2090.500	92.781	140.481	290.075	3.416	3.424	3.437	3.447	3.455	3.447	31.728	-4.985	3.640
0.950	113.331											
2091.000	92.887	136.799	288.874	3.433	3.443	3.455	3.463	3.470	3.462	31.802	-4.889	8.191
0.928	113.437											
2091.500	92.878	134.012	285.157	3.482	3.492	3.504	3.509	3.516	3.507	31.796	-5.020	12.112
0.911	113.526											
2092.000	92.814	134.424	281.415	3.534	3.543	3.554	3.557	3.563	3.553	31.751	-4.941	10.895
0.896	113.385											
2092.500	92.742	136.714	279.184	3.567	3.576	3.587	3.588	3.593	3.582	31.701	-4.814	8.944
0.887	113.229											
2093.000	92.668	137.939	279.337	3.571	3.579	3.587	3.589	3.592	3.580	31.649	-4.842	8.633
0.882	113.267											
2093.500	92.592	136.629	281.159	3.553	3.560	3.565	3.568	3.571	3.557	31.595	-4.759	8.139
0.877	113.356											
2094.000	92.544	134.531	283.176	3.533	3.539	3.543	3.545	3.547	3.531	31.562	-4.759	6.472
0.873	113.238											
2094.500	92.568	134.862	284.983	3.519	3.521	3.525	3.525	3.526	3.509	31.579	-4.962	5.906
0.869	113.022											
2095.000	92.680	135.850	286.380	3.506	3.506	3.513	3.511	3.511	3.492	31.657	-4.954	2.503
0.869	112.927											
2095.500	92.835	135.474	285.812	3.517	3.517	3.524	3.521	3.520	3.499	31.766	-5.093	-9.056
0.875	112.905											
2096.000	92.960	135.180	282.820	3.559	3.560	3.565	3.561	3.560	3.536	31.854	-5.686	-23.007
0.889	112.946											
2096.500	93.016	136.889	279.415	3.605	3.609	3.613	3.607	3.605	3.579	31.893	-6.433	-29.056
0.900	113.123											
2097.000	93.022	138.873	277.332	3.633	3.640	3.644	3.638	3.635	3.606	31.898	-7.626	-27.529
0.903	113.350											

2097.500	93.035	139.488	276.603	3.643	3.653	3.658	3.650	3.647	3.615	31.907	-8.966	-23.117
0.904	113.486											
2098.000	93.095	138.478	276.078	3.650	3.663	3.669	3.661	3.656	3.622	31.949	-9.959	-17.565
0.908	113.557											
2098.500	93.195	137.185	274.903	3.667	3.682	3.689	3.680	3.674	3.638	32.019	-10.754	
-13.805	0.912	113.557										
2099.000	93.303	138.030	273.826	3.683	3.699	3.708	3.698	3.691	3.652	32.095	-11.384	
-12.340	0.913	113.490										
2099.500	93.400	140.866	273.804	3.686	3.703	3.712	3.702	3.692	3.652	32.163	-11.731	
-12.270	0.917	113.414										
2100.000	93.482	141.989	274.748	3.674	3.693	3.702	3.692	3.681	3.640	32.221	-12.074	-9.507
0.920	113.232											
2100.500	93.555	140.473	275.787	3.662	3.681	3.690	3.680	3.668	3.626	32.272	-12.314	-4.238
0.917	113.010											
2101.000	93.621	140.193	276.393	3.656	3.674	3.683	3.674	3.660	3.618	32.318	-12.419	-2.734
0.913	112.946											
2101.500	93.680	141.900	277.182	3.645	3.662	3.672	3.663	3.648	3.608	32.359	-12.508	-5.461
0.908	113.060											
2102.000	93.735	144.084	278.753	3.621	3.638	3.649	3.641	3.626	3.587	32.398	-12.528	-4.648
0.908	113.247											
2102.500	93.796	145.225	280.018	3.602	3.615	3.628	3.623	3.607	3.571	32.441	-12.340	-1.021
0.918	113.453											
2103.000	93.880	144.017	279.946	3.589	3.607	3.623	3.621	3.604	3.572	32.500	-12.061	0.019
0.937	113.567											
2103.500	94.039	141.126	279.498	3.580	3.604	3.622	3.623	3.605	3.578	32.612	-11.667	2.382
0.952	113.525											
2104.000	94.327	140.942	279.414	3.569	3.601	3.616	3.619	3.601	3.579	32.814	-11.211	6.778
0.951	113.478											
2104.500	94.589	143.156	278.375	3.577	3.610	3.621	3.628	3.610	3.592	32.998	-10.902	5.824
0.942	113.473											
2105.000	94.421	143.134	273.471	3.646	3.670	3.677	3.687	3.670	3.657	32.880	-10.815	-0.904
0.932	113.453											
2105.500	93.436	140.001	261.345	3.825	3.835	3.837	3.851	3.832	3.826	32.188	-10.884	-4.719
0.923	113.410											
2106.000	91.631	136.180	243.701	4.107	4.107	4.107	4.122	4.101	4.103	30.921	-11.430	1.550
0.915	113.499											
2106.500	89.554	132.064	230.148	4.347	4.344	4.345	4.358	4.335	4.345	29.462	-12.082	9.828
0.915	113.693											
2107.000	87.957	128.894	226.124	4.416	4.408	4.410	4.426	4.402	4.422	28.340	-12.595	8.093
0.919	113.763											
2107.500	87.246	129.241	227.387	4.384	4.366	4.371	4.391	4.368	4.398	27.841	-12.952	-3.274
0.919	113.676											
2108.000	87.246	131.575	227.316	4.361	4.345	4.357	4.381	4.358	4.399	27.842	-12.992	
-10.863	0.917	113.586										
2108.500	87.500	132.252	225.670	4.367	4.353	4.371	4.401	4.379	4.431	28.020	-12.925	-8.299
0.921	113.562											
2109.000	87.692	131.266	225.521	4.348	4.333	4.354	4.393	4.370	4.434	28.154	-13.192	-3.933
0.927	113.525											
2109.500	87.854	130.718	226.522	4.315	4.293	4.313	4.364	4.338	4.415	28.268	-13.549	-1.451
0.926	113.533											
2110.000	87.957	131.810	225.501	4.334	4.295	4.308	4.371	4.344	4.435	28.340	-13.937	1.537
0.919	113.664											
2110.500	87.241	133.163	217.989	4.500	4.430	4.430	4.508	4.481	4.587	27.838	-14.292	2.451
0.914	113.799											

2111.000	84.418	128.670	194.127	5.102	4.968	4.950	5.054	5.026	5.151	25.855	-14.567	1.786
0.916	113.778											
2111.500	78.664	112.139	144.700	6.992	6.639	6.573	6.756	6.719	6.911	21.815	-15.421	5.559
0.934	113.668											
2112.000	70.559	85.189	80.752	13.010	11.746	11.492	11.993	11.929	12.384	16.123	-17.362	
9.344	0.984	113.642										
2112.500	62.084	57.728	37.239	32.172	25.492	24.033	25.676	25.581	26.854	10.171	-20.220	
4.103	1.051	113.752										
2113.000	55.412	39.538	20.281	76.609	46.973	43.510	46.973	46.867	49.308	5.486	-23.599	
-5.687	1.095	113.862										
2113.500	51.621	31.982	10.912	111.487	92.261	83.025	89.244	89.303	91.643	2.824	-27.187	
-8.210	1.107	113.823										
2114.000	50.340	30.537	11.027	108.094	102.108	100.440	95.453	93.753	90.688	1.924	-30.402	
-6.159	1.106	113.760										
2114.500	50.554	31.500	15.770	59.669	66.595	66.539	65.226	64.087	63.412	2.075	-33.347	
-8.259	1.106	113.895										
2115.000	51.706	32.679	25.658	32.685	38.228	38.736	39.118	38.587	38.975	2.883	-36.105	
-8.930	1.104	114.089										
2115.500	54.074	34.418	44.381	18.535	21.452	21.817	21.924	22.061	22.532	4.546	-38.005	
-1.228	1.097	114.072										
2116.000	58.240	44.365	75.136	11.160	12.595	12.792	12.795	12.983	13.309	7.472	-38.235	
5.578	1.082	113.895										
2116.500	64.206	67.483	118.260	7.305	8.029	8.131	8.107	8.252	8.456	11.662	-36.362	3.572
1.057	113.874											
2117.000	71.004	95.501	160.426	5.535	5.951	6.013	5.990	6.099	6.233	16.435	-32.851	-1.126
1.012	113.984											
2117.500	77.078	114.845	185.088	4.913	5.187	5.229	5.212	5.302	5.403	20.701	-29.106	-2.070
0.956	113.927											
2118.000	81.199	121.974	192.314	4.827	5.022	5.050	5.041	5.124	5.200	23.595	-26.438	1.428
0.908	113.753											
2118.500	83.121	122.904	195.749	4.815	4.956	4.977	4.978	5.055	5.109	24.944	-25.242	1.759
0.875	113.820											
2119.000	83.443	121.550	203.879	4.678	4.777	4.794	4.805	4.871	4.905	25.171	-25.519	-1.053
0.852	114.083											
2119.500	83.064	117.396	211.264	4.552	4.622	4.640	4.661	4.715	4.733	24.905	-26.427	-4.675
0.841	114.191											
2120.000	82.577	112.399	211.379	4.575	4.631	4.654	4.682	4.725	4.731	24.562	-27.246	
-12.172	0.841	114.005										
2120.500	82.138	110.691	205.447	4.727	4.778	4.806	4.840	4.871	4.867	24.254	-27.997	
-20.976	0.845	113.664										
2121.000	81.789	112.310	198.935	4.899	4.949	4.983	5.019	5.038	5.027	24.009	-28.456	
-18.549	0.848	113.347										
2121.500	81.593	114.946	195.486	5.004	5.052	5.088	5.115	5.130	5.115	23.872	-28.405	-5.391
0.846	113.192											
2122.000	81.566	117.854	194.841	5.037	5.083	5.119	5.135	5.145	5.132	23.852	-28.193	2.215
0.844	113.306											
2122.500	81.681	120.507	194.456	5.065	5.112	5.146	5.156	5.156	5.143	23.933	-27.805	-1.389
0.843	113.596											
2123.000	81.936	122.843	192.640	5.129	5.177	5.203	5.212	5.205	5.191	24.112	-26.994	-5.984
0.844	113.846											
2123.500	82.341	124.535	190.200	5.210	5.258	5.272	5.283	5.272	5.258	24.397	-26.101	-6.776
0.844	113.892											
2124.000	82.873	125.901	187.552	5.299	5.344	5.349	5.359	5.347	5.332	24.770	-25.236	
-10.127	0.847	113.756										

2124.500	83.452	127.991	184.442	5.404	5.437	5.443	5.448	5.437	5.422	25.177	-24.381	
-11.257	0.856	113.621										
2125.000	83.956	131.888	181.100	5.519	5.535	5.543	5.545	5.535	5.522	25.531	-23.581	-2.650
0.870	113.596											
2125.500	84.301	135.394	178.146	5.623	5.624	5.632	5.632	5.625	5.613	25.773	-22.730	4.486
0.887	113.689											
2126.000	84.482	136.518	176.270	5.681	5.681	5.688	5.686	5.681	5.673	25.900	-21.775	2.928
0.899	113.794											
2126.500	84.506	135.054	175.198	5.713	5.713	5.717	5.715	5.712	5.708	25.917	-21.168	2.181
0.903	113.823											
2127.000	84.327	131.753	173.660	5.760	5.760	5.761	5.760	5.759	5.758	25.791	-21.071	3.328
0.906	113.807											
2127.500	83.891	127.497	170.993	5.854	5.848	5.848	5.848	5.847	5.848	25.485	-21.288	-2.188
0.912	113.846											
2128.000	83.213	124.250	167.815	5.972	5.959	5.959	5.959	5.958	5.959	25.009	-21.932	
-11.486	0.920	113.869										
2128.500	82.449	122.404	165.280	6.075	6.050	6.050	6.050	6.049	6.050	24.473	-22.797	
-14.178	0.931	113.891										
2129.000	81.825	121.734	163.366	6.163	6.122	6.121	6.121	6.119	6.121	24.034	-23.436	-9.050
0.947	114.030											
2129.500	81.399	121.997	161.137	6.270	6.216	6.206	6.206	6.203	6.206	23.735	-24.058	-5.581
0.968	114.198											
2130.000	81.015	122.713	158.129	6.414	6.346	6.325	6.324	6.320	6.324	23.466	-24.601	
-10.728	0.983	114.148										
2130.500	80.510	122.688	153.830	6.617	6.538	6.508	6.501	6.496	6.501	23.111	-24.821	
-14.573	0.982	113.764										
2131.000	79.901	122.209	148.999	6.856	6.771	6.731	6.713	6.706	6.711	22.683	-25.105	-7.087
0.975	113.337											
2131.500	79.363	123.047	147.954	6.933	6.847	6.795	6.766	6.757	6.759	22.305	-25.163	-0.578
0.970	113.194											
2132.000	79.080	124.504	152.266	6.767	6.679	6.619	6.580	6.570	6.567	22.107	-24.640	-0.642
0.965	113.392											
2132.500	79.080	123.211	156.019	6.636	6.545	6.476	6.427	6.417	6.409	22.107	-23.912	3.797
0.957	113.662											
2133.000	79.296	120.042	155.368	6.691	6.601	6.520	6.462	6.450	6.436	22.258	-22.952	9.832
0.950	113.810											
2133.500	79.754	119.247	155.027	6.716	6.639	6.551	6.484	6.471	6.450	22.580	-21.832	1.452
0.942	113.840											
2134.000	80.516	121.526	159.152	6.532	6.477	6.391	6.322	6.308	6.283	23.115	-20.951	
-11.136	0.930	113.941										
2134.500	81.507	125.341	165.043	6.285	6.246	6.170	6.101	6.088	6.059	23.811	-20.063	
-11.487	0.918	114.124										
2135.000	82.501	129.060	168.864	6.134	6.102	6.036	5.966	5.954	5.922	24.509	-19.227	-6.508
0.909	114.225											
2135.500	83.284	131.748	170.848	6.062	6.031	5.972	5.901	5.889	5.853	25.059	-18.605	-7.297
0.900	114.091											
2136.000	83.816	133.457	172.436	6.014	5.979	5.923	5.850	5.839	5.799	25.433	-18.022	-9.557
0.890	113.871											
2136.500	84.263	135.002	173.991	5.976	5.935	5.878	5.802	5.790	5.747	25.747	-17.445	
-10.693	0.886	113.871										
2137.000	84.793	135.881	175.612	5.944	5.896	5.833	5.753	5.739	5.694	26.119	-16.991	
-12.198	0.887	114.049										
2137.500	85.233	136.494	177.110	5.927	5.867	5.794	5.710	5.693	5.646	26.428	-16.538	
-14.808	0.885	114.083										



2138.000	85.101	136.996	177.045	5.977	5.893	5.810	5.719	5.699	5.648	26.335	-16.238	
-19.310	0.877	113.895										
2138.500	84.060	134.863	172.600	6.193	6.077	5.980	5.876	5.851	5.794	25.604	-16.333	
-23.454	0.874	113.617										
2139.000	82.333	128.793	163.715	6.591	6.446	6.334	6.209	6.176	6.108	24.391	-16.849	
-22.354	0.877	113.532										
2139.500	80.792	122.660	157.814	6.857	6.718	6.599	6.455	6.414	6.337	23.309	-17.504	
-19.697	0.882	113.751										
2140.000	80.493	122.538	162.585	6.595	6.515	6.415	6.272	6.229	6.151	23.099	-17.808	
-17.515	0.893	113.976										
2140.500	81.890	127.318	177.347	5.955	5.940	5.872	5.748	5.708	5.639	24.080	-17.193	
-13.159	0.910	113.947										
2141.000	84.507	132.713	194.685	5.360	5.382	5.337	5.233	5.197	5.137	25.918	-15.710	-8.084
0.919	113.838											
2141.500	87.405	137.320	207.847	4.991	5.023	4.991	4.899	4.866	4.811	27.953	-13.999	-5.639
0.919	113.887											
2142.000	89.737	141.716	215.572	4.814	4.836	4.806	4.723	4.691	4.639	29.591	-12.423	-1.957
0.917	114.081											
2142.500	91.126	145.217	219.314	4.756	4.752	4.718	4.641	4.610	4.560	30.566	-11.514	0.857
0.919	114.263											
2143.000	91.855	146.361	217.830	4.827	4.788	4.744	4.673	4.641	4.591	31.078	-11.316	-5.468
0.922	114.267											
2143.500	92.304	144.929	207.084	5.121	5.046	4.989	4.918	4.884	4.829	31.393	-11.526	
-12.866	0.924	114.132										
2144.000	92.469	141.796	187.106	5.704	5.600	5.527	5.450	5.409	5.345	31.509	-12.324	-9.242
0.928	114.047											
2144.500	91.954	137.936	167.570	6.364	6.261	6.177	6.092	6.044	5.968	31.147	-13.805	0.629
0.941	114.132											
2145.000	90.136	134.431	157.952	6.683	6.623	6.549	6.464	6.412	6.331	29.871	-15.702	4.938
0.953	114.267											
2145.500	86.801	130.232	156.492	6.647	6.644	6.596	6.517	6.468	6.390	27.529	-18.313	4.298
0.951	114.308											
2146.000	82.688	123.967	156.951	6.544	6.586	6.565	6.489	6.443	6.371	24.641	-21.423	5.289
0.938	114.308											
2146.500	79.138	117.591	159.344	6.390	6.459	6.455	6.381	6.339	6.276	22.147	-24.486	8.812
0.929	114.308											
2147.000	77.176	114.863	166.868	6.077	6.148	6.151	6.081	6.045	5.993	20.770	-27.027	6.422
0.931	114.308											
2147.500	77.015	116.157	177.184	5.727	5.779	5.779	5.715	5.686	5.644	20.657	-28.657	-2.789
0.940	114.308											
2148.000	78.015	119.508	183.847	5.538	5.564	5.557	5.499	5.475	5.439	21.359	-29.110	-6.671
0.952	114.308											
2148.500	79.256	122.827	184.421	5.543	5.545	5.530	5.475	5.454	5.422	22.230	-28.767	-1.634
0.962	114.308											
2149.000	80.320	123.897	181.822	5.642	5.623	5.598	5.547	5.529	5.500	22.978	-28.045	0.545
0.965	114.308											
2149.500	81.252	123.643	179.223	5.734	5.700	5.667	5.622	5.606	5.580	23.632	-26.848	-6.476
0.962	114.308											
2150.000	82.144	125.486	177.115	5.803	5.758	5.722	5.684	5.670	5.646	24.259	-25.241	
-13.887	0.953	114.308										
2150.500	82.922	129.883	175.443	5.852	5.801	5.763	5.733	5.721	5.700	24.805	-23.644	
-16.866	0.941	114.308										
2151.000	83.314	132.517	174.496	5.872	5.818	5.783	5.761	5.749	5.731	25.080	-22.343	
-20.692	0.930	114.308										

2151.500	83.102	131.948	173.122	5.905	5.850	5.819	5.803	5.792	5.776	24.931	-21.835
-25.538	0.925	114.308									
2152.000	82.376	130.759	169.971	6.000	5.946	5.919	5.908	5.896	5.883	24.421	-22.088
-24.393	0.927	114.308									
2152.500	81.457	130.452	166.231	6.117	6.070	6.045	6.038	6.025	6.016	23.776	-22.473
-21.762	0.929	114.288									
2153.000	80.645	129.540	164.098	6.171	6.138	6.117	6.112	6.100	6.094	23.206	-23.093
-23.605	0.925	114.220									
2153.500	80.080	126.706	163.542	6.162	6.147	6.131	6.128	6.116	6.115	22.809	-23.835
-26.667	0.918	114.178									
2154.000	79.780	122.196	163.255	6.144	6.146	6.135	6.134	6.123	6.125	22.598	-24.254
-25.959	0.912	114.220									
2154.500	79.744	118.475	162.396	6.158	6.167	6.160	6.160	6.151	6.158	22.573	-24.493
-27.917	0.907	114.288									
2155.000	79.901	118.049	160.398	6.234	6.235	6.235	6.235	6.228	6.235	22.684	-24.487
-34.370	0.910	114.304									
2155.500	80.118	120.272	157.988	6.330	6.330	6.330	6.330	6.323	6.330	22.836	-24.053
-33.111	0.919	114.257									
2156.000	80.258	122.117	157.119	6.364	6.364	6.364	6.364	6.357	6.365	22.934	-23.914
-20.425	0.923	114.169									
2156.500	80.206	122.239	157.407	6.348	6.348	6.348	6.348	6.342	6.353	22.897	-24.235
-14.480	0.918	114.102									
2157.000	79.943	122.048	156.668	6.374	6.374	6.374	6.374	6.368	6.383	22.713	-24.511
-19.333	0.919	114.131									
2157.500	79.604	122.250	154.589	6.456	6.456	6.456	6.456	6.451	6.469	22.474	-24.908
-19.721	0.931	114.288									
2158.000	79.359	121.568	153.105	6.516	6.516	6.514	6.516	6.512	6.531	22.302	-25.492
-17.098	0.940	114.474									
2158.500	79.224	120.201	152.503	6.539	6.539	6.532	6.539	6.537	6.557	22.208	-25.714
-20.382	0.939	114.473									
2159.000	79.086	121.645	150.585	6.621	6.621	6.610	6.621	6.620	6.641	22.111	-25.536
-20.609	0.942	114.368									
2159.500	78.812	124.269	145.812	6.837	6.835	6.822	6.836	6.836	6.858	21.918	-25.037
-12.335	0.951	114.360									
2160.000	78.450	122.591	140.451	7.099	7.089	7.082	7.098	7.098	7.120	21.664	-24.164
0.948	114.372										-4.143
2160.500	78.316	118.711	139.869	7.090	7.109	7.113	7.128	7.128	7.150	21.570	-23.445
0.925	114.299										-4.093
2161.000	78.650	118.502	145.105	6.795	6.844	6.858	6.872	6.871	6.892	21.805	-22.781
0.900	114.273										-9.372
2161.500	79.336	121.083	150.546	6.537	6.594	6.615	6.625	6.625	6.642	22.287	-21.984
0.891	114.269										-9.670
2162.000	80.038	123.146	152.278	6.471	6.526	6.546	6.552	6.552	6.567	22.779	-21.300
0.897	114.252										-6.285
2162.500	80.563	125.676	152.503	6.483	6.530	6.543	6.545	6.545	6.557	23.148	-20.613
0.909	114.321										-8.046
2163.000	80.983	129.500	154.448	6.426	6.463	6.466	6.466	6.466	6.475	23.443	-19.920
-11.940	0.922	114.367									
2163.500	81.436	133.236	157.603	6.324	6.339	6.339	6.339	6.339	6.345	23.761	-19.412
-12.564	0.930	114.278									
2164.000	81.856	134.648	158.801	6.294	6.294	6.294	6.294	6.294	6.297	24.056	-19.001
-15.113	0.939	114.206									
2164.500	81.960	132.768	156.401	6.393	6.393	6.393	6.393	6.393	6.394	24.129	-18.721
-22.278	0.949	114.202									

2165.000	81.599	129.068	151.965	6.580	6.580	6.580	6.580	6.580	6.580	23.876	-18.869	
-23.027	0.955	114.135										
2165.500	80.994	128.024	148.991	6.718	6.712	6.712	6.712	6.712	6.712	23.451	-19.161	
-13.639	0.959	114.051										
2166.000	80.547	131.007	149.424	6.694	6.693	6.693	6.692	6.692	6.692	23.137	-19.352	-5.908
0.960	114.055											
2166.500	80.482	132.905	152.578	6.554	6.554	6.554	6.554	6.554	6.554	23.091	-19.260	-8.175
0.957	114.190											
2167.000	80.716	129.275	156.312	6.397	6.397	6.397	6.397	6.397	6.397	23.255	-19.008	
-12.683	0.954	114.351										
2167.500	81.014	124.288	158.552	6.307	6.302	6.306	6.307	6.307	6.307	23.465	-18.737	-9.005
0.953	114.351											
2168.000	81.212	122.625	159.252	6.261	6.269	6.276	6.279	6.279	6.279	23.604	-18.494	0.039
0.952	114.291											
2168.500	81.321	124.023	160.251	6.202	6.224	6.234	6.239	6.239	6.240	23.680	-18.239	6.437
0.953	114.396											
2169.000	81.457	126.724	162.176	6.106	6.141	6.153	6.162	6.163	6.166	23.776	-17.812	
10.975	0.957	114.599										
2169.500	81.724	130.437	163.386	6.038	6.086	6.101	6.114	6.114	6.120	23.963	-17.475	
13.498	0.962	114.650										
2170.000	82.171	133.047	163.322	6.018	6.077	6.097	6.114	6.114	6.123	24.277	-17.159	
10.528	0.965	114.566										
2170.500	82.834	133.535	164.130	5.969	6.037	6.061	6.081	6.081	6.093	24.743	-16.999	5.486
0.965	114.549											
2171.000	83.623	133.541	167.125	5.851	5.922	5.948	5.970	5.970	5.984	25.297	-17.067	3.762
0.963	114.629											
2171.500	84.339	133.551	171.220	5.715	5.777	5.802	5.826	5.826	5.840	25.800	-17.001	-1.774
0.962	114.658											
2172.000	85.259	132.449	174.054	5.636	5.680	5.704	5.729	5.730	5.745	26.446	-16.644	
-13.766	0.962	114.679										
2172.500	87.179	130.846	171.772	5.715	5.751	5.776	5.805	5.805	5.822	27.794	-16.417	
-19.346	0.965	114.789										
2173.000	90.451	130.327	163.334	5.972	6.035	6.070	6.103	6.103	6.122	30.092	-16.067	
-12.844	0.970	114.785										
2173.500	94.285	129.469	161.235	5.970	6.091	6.142	6.180	6.181	6.202	32.784	-15.899	-8.104
0.969	114.612											
2174.000	96.934	126.616	177.985	5.335	5.494	5.556	5.595	5.598	5.618	34.645	-16.028	
-15.577	0.938	114.507										
2174.500	96.963	123.606	201.393	4.684	4.834	4.901	4.942	4.946	4.965	34.665	-15.630	
-23.392	0.885	114.529										
2175.000	94.495	123.052	213.387	4.430	4.551	4.617	4.661	4.666	4.686	32.932	-14.632	
-20.084	0.868	114.538										
2175.500	90.754	126.070	215.289	4.429	4.509	4.567	4.618	4.622	4.645	30.304	-13.361	
-13.641	0.903	114.513										
2176.000	86.571	129.588	203.704	4.742	4.771	4.815	4.877	4.882	4.909	27.367	-12.074	
-12.243	0.949	114.554										
2176.500	81.883	127.795	170.030	5.764	5.728	5.756	5.841	5.844	5.881	24.075	-12.191	
-14.807	0.979	114.586										
2177.000	76.596	116.962	125.775	7.849	7.740	7.761	7.894	7.892	7.951	20.362	-14.085	
-15.787	0.993	114.603										
2177.500	71.453	101.782	97.786	10.063	9.943	9.976	10.154	10.143	10.226	16.751	-16.872	
-17.919	0.983	114.640										
2178.000	67.924	90.872	92.116	10.447	10.519	10.594	10.775	10.763	10.856	14.273	-20.096	
-21.863	0.954	114.619										

2178.500	67.009	87.783	101.523	9.212	9.465	9.602	9.771	9.763	9.850	13.630	-23.240	-24.736
0.927	114.540											
2179.000	68.335	91.230	118.852	7.728	8.041	8.202	8.341	8.339	8.414	14.561	-25.395	-28.171
0.915	114.587											
2179.500	70.671	98.858	138.256	6.637	6.918	7.062	7.169	7.170	7.233	16.201	-27.036	-33.804
0.912	114.650											
2180.000	72.862	106.913	152.436	6.089	6.309	6.420	6.497	6.504	6.560	17.740	-28.179	
-35.674	0.900	114.612										
2180.500	74.382	112.051	158.317	5.978	6.125	6.196	6.251	6.264	6.316	18.807	-28.403	
-29.802	0.880	114.679										
2181.000	75.267	114.204	158.701	6.088	6.161	6.192	6.233	6.250	6.301	19.429	-28.234	
-24.317	0.867	114.881										
2181.500	75.713	115.432	158.638	6.190	6.202	6.199	6.234	6.254	6.304	19.742	-28.188	
-25.182	0.872	114.992										
2182.000	75.920	116.694	160.114	6.189	6.163	6.143	6.177	6.197	6.246	19.887	-27.938	
-24.697	0.885	114.932										
2182.500	75.993	118.106	161.094	6.160	6.128	6.104	6.141	6.161	6.208	19.939	-27.804	
-17.535	0.893	114.752										
2183.000	75.926	118.535	159.255	6.219	6.190	6.173	6.216	6.234	6.279	19.892	-27.776	
-14.902	0.898	114.486										
2183.500	75.808	117.341	155.299	6.357	6.339	6.332	6.380	6.396	6.439	19.809	-27.520	
-20.120	0.903	114.301										
2184.000	75.822	114.930	152.410	6.469	6.456	6.458	6.508	6.521	6.561	19.819	-27.367	
-21.194	0.906	114.313										
2184.500	76.057	113.707	152.875	6.457	6.443	6.448	6.496	6.505	6.541	19.984	-27.253	
-16.264	0.908	114.396										
2185.000	76.481	116.246	156.205	6.337	6.320	6.322	6.365	6.371	6.402	20.282	-26.917	
-14.138	0.912	114.484										
2185.500	76.988	120.816	160.292	6.193	6.176	6.174	6.209	6.213	6.239	20.637	-26.531	
-15.682	0.913	114.665										
2186.000	77.462	122.716	162.996	6.102	6.089	6.084	6.112	6.114	6.135	20.970	-25.986	
-18.016	0.904	114.894										
2186.500	77.888	121.629	163.703	6.082	6.075	6.068	6.091	6.091	6.109	21.269	-25.235	
-16.736	0.894	114.988										
2187.000	78.302	121.250	163.796	6.076	6.080	6.073	6.091	6.091	6.105	21.560	-24.651	
-12.936	0.897	114.902										
2187.500	78.672	122.911	164.406	6.046	6.062	6.056	6.071	6.071	6.082	21.820	-23.994	-7.634
0.908	114.726											
2188.000	78.940	125.137	164.884	6.019	6.046	6.042	6.055	6.055	6.065	22.009	-23.110	-0.828
0.917	114.587											
2188.500	79.100	126.576	164.658	6.021	6.055	6.053	6.064	6.064	6.073	22.120	-22.253	2.024
0.918	114.581											
2189.000	79.212	126.963	164.446	6.028	6.063	6.064	6.073	6.073	6.081	22.200	-21.368	-6.067
0.912	114.599											
2189.500	79.403	126.804	165.464	5.996	6.028	6.028	6.037	6.037	6.044	22.333	-20.432	
-14.059	0.905	114.603										
2190.000	79.778	126.774	167.977	5.912	5.940	5.940	5.947	5.947	5.953	22.597	-19.713	
-12.051	0.900	114.661										
2190.500	80.334	127.325	170.921	5.814	5.840	5.839	5.846	5.846	5.851	22.987	-19.071	
-11.842	0.895	114.728										
2191.000	80.918	128.880	173.351	5.736	5.760	5.759	5.764	5.764	5.769	23.397	-18.401	
-16.022	0.890	114.751										
2191.500	81.290	131.659	174.435	5.705	5.726	5.725	5.729	5.729	5.733	23.659	-18.039	
-14.939	0.886	114.732										

2192.000	81.250	134.351	172.809	5.762	5.781	5.779	5.783	5.783	5.787	23.631	-17.985	-9.799
0.886	114.666											
2192.500	80.790	134.569	168.831	5.898	5.918	5.917	5.920	5.920	5.923	23.307	-18.146	-9.997
0.891	114.515											
2193.000	80.154	132.251	165.541	6.009	6.035	6.035	6.038	6.038	6.041	22.861	-18.680	
-12.249	0.903	114.434										
2193.500	79.707	129.953	165.113	6.013	6.049	6.051	6.054	6.054	6.056	22.547	-19.274	
-15.687	0.915	114.571										
2194.000	79.698	129.762	167.115	5.928	5.974	5.979	5.982	5.981	5.984	22.540	-19.576	
-17.266	0.919	114.815										
2194.500	80.145	132.044	170.398	5.803	5.856	5.865	5.867	5.866	5.869	22.855	-19.681	
-20.149	0.916	114.873										
2195.000	80.899	135.437	174.485	5.661	5.718	5.728	5.730	5.730	5.731	23.384	-19.405	
-24.705	0.911	114.670										
2195.500	81.767	138.210	178.963	5.521	5.574	5.585	5.587	5.587	5.588	23.994	-18.829	
-26.744	0.911	114.417										
2196.000	82.656	140.886	183.097	5.406	5.449	5.459	5.461	5.462	5.462	24.618	-18.350	
-22.470	0.915	114.348										
2196.500	83.539	144.135	186.670	5.315	5.345	5.354	5.357	5.359	5.357	25.238	-17.859	
-19.816	0.926	114.480										
2197.000	84.379	146.645	189.337	5.254	5.271	5.278	5.281	5.284	5.282	25.828	-17.237	
-22.290	0.937	114.670										
2197.500	85.108	145.960	190.356	5.236	5.244	5.248	5.253	5.257	5.253	26.340	-16.801	
-24.616	0.940	114.830										
2198.000	85.593	143.719	190.219	5.248	5.249	5.251	5.257	5.261	5.257	26.680	-16.364	
-21.054	0.934	114.949										
2198.500	85.695	143.379	190.008	5.260	5.255	5.256	5.263	5.267	5.263	26.752	-16.085	
-15.100	0.922	115.000										
2199.000	85.387	144.843	189.450	5.278	5.271	5.271	5.278	5.282	5.278	26.536	-16.202	
-12.069	0.910	115.004										
2199.500	84.833	144.702	187.527	5.333	5.325	5.326	5.333	5.336	5.333	26.147	-16.431	-9.699
0.899	115.004											
2200.000	84.320	141.037	185.142	5.401	5.394	5.395	5.401	5.404	5.401	25.786	-16.509	-7.593
0.894	115.008											
2200.500	84.096	137.522	184.999	5.401	5.399	5.401	5.405	5.407	5.405	25.629	-16.639	-6.481
0.893	115.055											
2201.000	84.175	137.669	187.317	5.331	5.334	5.336	5.339	5.339	5.339	25.685	-16.692	-4.114
0.894	115.119											
2201.500	84.352	139.710	188.971	5.284	5.289	5.291	5.292	5.292	5.292	25.809	-16.761	-1.381
0.902	115.063											
2202.000	84.442	140.651	188.027	5.310	5.318	5.318	5.318	5.318	5.318	25.872	-17.003	-1.307
0.929	114.814											
2202.500	84.410	140.494	186.295	5.359	5.368	5.368	5.368	5.368	5.368	25.850	-17.147	-6.024
0.963	114.544											
2203.000	84.337	139.740	185.949	5.371	5.378	5.378	5.378	5.378	5.378	25.798	-17.200	
-14.713	0.984	114.477										
2203.500	84.290	139.333	186.054	5.374	5.375	5.375	5.375	5.375	5.375	25.765	-17.312	
-22.161	0.990	114.591										
2204.000	84.216	140.697	184.923	5.408	5.408	5.408	5.408	5.408	5.408	25.713	-17.278	
-22.472	0.988	114.757										
2204.500	84.035	143.123	183.071	5.462	5.462	5.462	5.462	5.462	5.462	25.587	-17.196	
-14.337	0.982	114.895										
2205.000	83.773	144.026	181.626	5.509	5.506	5.506	5.506	5.506	5.506	25.402	-17.275	-3.634
0.974	114.983											

2205.500	83.524	142.861	180.596	5.545	5.537	5.537	5.537	5.537	5.537	5.537	25.228	-17.141	2.854
0.966	115.000												
2206.000	83.372	141.958	179.615	5.571	5.567	5.567	5.567	5.567	5.567	5.567	25.121	-17.089	-0.812
0.960	114.932												
2206.500	83.337	143.326	178.658	5.597	5.597	5.597	5.597	5.597	5.597	5.597	25.096	-17.255	-8.139
0.952	114.793												
2207.000	83.402	145.133	178.525	5.602	5.601	5.601	5.601	5.601	5.601	5.601	25.142	-17.279	-9.948
0.944	114.704												
2207.500	83.602	145.459	180.335	5.535	5.545	5.545	5.545	5.545	5.545	5.545	25.282	-17.267	-5.583
0.937	114.746												
2208.000	84.018	144.991	183.950	5.415	5.436	5.436	5.436	5.436	5.436	5.436	25.574	-17.385	-4.457
0.934	114.861												
2208.500	84.674	144.516	188.715	5.273	5.299	5.299	5.299	5.299	5.299	5.299	26.035	-17.101	-8.335
0.932	114.974												
2209.000	85.470	143.872	194.386	5.122	5.144	5.144	5.144	5.144	5.144	5.144	26.594	-16.630	
-14.218	0.930	115.067											
2209.500	86.173	144.604	199.310	5.007	5.017	5.017	5.017	5.017	5.017	5.017	27.088	-16.272	
-18.967	0.930	115.051											
2210.000	86.544	146.264	200.881	4.976	4.976	4.973	4.976	4.976	4.976	4.978	27.348	-15.833	
-20.066	0.935	114.988											
2210.500	86.514	145.318	198.728	5.028	5.026	5.020	5.028	5.028	5.028	5.032	27.327	-15.570	
-14.375	0.941	114.937											
2211.000	86.203	142.143	195.715	5.102	5.096	5.089	5.102	5.102	5.102	5.109	27.109	-15.639	-3.858
0.944	114.941												
2211.500	85.809	140.502	195.116	5.115	5.100	5.095	5.114	5.116	5.125	5.125	26.832	-15.428	4.971
0.946	114.979												
2212.000	85.524	141.201	196.457	5.067	5.050	5.051	5.074	5.080	5.090	5.090	26.632	-14.859	
12.975	0.949	115.024											
2212.500	85.468	142.221	198.193	4.992	4.989	4.997	5.025	5.033	5.046	5.046	26.593	-14.318	
23.193	0.950	115.004											
2213.000	85.694	142.277	201.854	4.869	4.883	4.898	4.930	4.940	4.954	4.954	26.752	-13.544	
30.400	0.947	114.946											
2213.500	86.215	141.743	208.192	4.698	4.723	4.741	4.776	4.787	4.803	4.803	27.117	-12.658	
26.939	0.943	114.925											
2214.000	86.782	142.162	212.934	4.590	4.613	4.629	4.667	4.678	4.696	4.696	27.516	-12.046	
19.020	0.936	114.967											
2214.500	86.749	141.459	210.227	4.674	4.674	4.684	4.725	4.736	4.757	4.757	27.492	-11.460	
15.098	0.921	114.921											
2215.000	85.529	137.053	197.000	5.035	4.996	4.996	5.042	5.051	5.076	5.076	26.635	-11.123	
11.950	0.899	114.806											
2215.500	83.151	127.594	176.229	5.646	5.591	5.580	5.634	5.644	5.674	5.674	24.966	-11.271	7.568
0.879	114.847												
2216.000	80.605	116.373	160.055	6.235	6.156	6.139	6.200	6.209	6.248	6.248	23.178	-11.441	6.670
0.872	115.030												
2216.500	79.598	113.032	158.054	6.291	6.231	6.222	6.279	6.288	6.327	6.327	22.470	-11.319	
11.369	0.889	115.153											
2217.000	81.235	125.883	162.909	6.074	6.035	6.043	6.091	6.101	6.138	6.138	23.620	-10.840	
13.628	0.922	115.174											
2217.500	85.008	153.017	160.283	6.090	6.118	6.148	6.189	6.201	6.239	6.239	26.269	-9.733	11.060
0.950	115.107												
2218.000	89.111	182.744	158.545	6.088	6.179	6.223	6.255	6.270	6.307	6.307	29.151	-8.641	10.583
0.970	114.971												
2218.500	91.653	196.801	173.218	5.542	5.655	5.700	5.722	5.740	5.773	5.773	30.936	-7.925	18.341
0.979	114.924												

2219.000	91.925	185.555	196.864	4.895	4.985	5.019	5.032	5.053	5.080	31.127	-7.407	24.014
0.962	115.012											
2219.500	90.722	162.917	210.433	4.619	4.677	4.698	4.707	4.729	4.752	30.283	-7.333	21.710
0.928	115.190											
2220.000	89.291	147.009	212.363	4.623	4.650	4.657	4.664	4.689	4.709	29.278	-7.482	18.109
0.896	115.304											
2220.500	88.074	140.327	211.687	4.685	4.677	4.672	4.680	4.706	4.724	28.423	-7.362	18.519
0.869	115.186											
2221.000	86.865	136.938	211.964	4.705	4.677	4.664	4.675	4.703	4.718	27.574	-7.388	19.274
0.845	114.986											
2221.500	85.533	131.695	210.187	4.782	4.717	4.700	4.717	4.745	4.758	26.638	-7.607	19.659
0.829	114.949											
2222.000	84.466	125.305	206.196	4.887	4.803	4.787	4.810	4.840	4.850	25.889	-7.517	21.072
0.827	114.948											
2222.500	84.427	123.623	205.343	4.887	4.814	4.806	4.834	4.863	4.870	25.861	-7.381	25.119
0.838	114.818											
2223.000	85.630	129.399	209.606	4.753	4.708	4.710	4.740	4.767	4.771	26.707	-7.188	25.954
0.844	114.806											
2223.500	87.410	137.249	214.244	4.620	4.600	4.612	4.642	4.666	4.668	27.957	-6.843	21.138
0.839	115.004											
2224.000	88.858	140.650	215.419	4.561	4.571	4.591	4.621	4.643	4.642	28.973	-6.725	14.418
0.832	115.190											
2224.500	89.530	139.995	214.932	4.553	4.582	4.607	4.636	4.656	4.653	29.445	-6.892	10.008
0.836	115.241											
2225.000	89.603	140.142	216.603	4.514	4.549	4.577	4.604	4.622	4.617	29.497	-7.057	3.502
0.848	115.266											
2225.500	89.545	141.804	220.907	4.429	4.464	4.493	4.518	4.534	4.527	29.456	-7.267	-5.684
0.862	115.283											
2226.000	89.654	142.309	225.873	4.336	4.369	4.399	4.422	4.436	4.427	29.532	-7.307	-11.574
0.888	115.266											
2226.500	89.897	142.176	230.938	4.242	4.277	4.306	4.328	4.340	4.330	29.703	-7.200	-14.256
0.931	115.245											
2227.000	90.123	143.017	234.924	4.172	4.208	4.236	4.256	4.267	4.257	29.862	-7.191	-16.676
0.962	115.262											
2227.500	90.232	144.408	234.078	4.191	4.227	4.253	4.272	4.283	4.272	29.938	-7.231	-16.214
0.959	115.231											
2228.000	90.210	145.055	227.826	4.312	4.346	4.372	4.389	4.400	4.389	29.923	-7.332	-5.949
0.933	115.123											
2228.500	90.123	144.246	220.516	4.464	4.494	4.518	4.535	4.545	4.535	29.861	-7.736	9.017
0.908	114.958											
2229.000	90.030	142.317	215.331	4.584	4.607	4.630	4.645	4.654	4.644	29.796	-8.110	19.147
0.887	114.775											
2229.500	89.983	140.771	212.142	4.668	4.679	4.702	4.716	4.724	4.714	29.763	-8.395	25.314
0.869	114.708											
2230.000	90.020	140.081	210.874	4.708	4.710	4.733	4.746	4.753	4.742	29.789	-8.554	30.460
0.856	114.895											
2230.500	90.126	139.818	212.287	4.683	4.681	4.704	4.716	4.721	4.711	29.864	-8.409	27.880
0.850	115.093											
2231.000	90.287	140.524	216.422	4.593	4.593	4.616	4.626	4.630	4.621	29.977	-7.993	16.012
0.849	115.101											
2231.500	90.511	142.025	221.215	4.486	4.494	4.518	4.526	4.529	4.520	30.134	-7.478	5.341
0.847	115.106											
2232.000	90.783	142.965	224.436	4.410	4.430	4.454	4.460	4.463	4.456	30.325	-6.925	6.118
0.844	115.173											

2232.500	91.107	143.071	227.353	4.343	4.375	4.398	4.402	4.404	4.398	30.553	-6.477	12.502
0.842	115.236											
2233.000	91.488	144.423	231.388	4.268	4.301	4.322	4.324	4.326	4.322	30.820	-6.152	17.635
0.840	115.299											
2233.500	91.846	145.586	233.355	4.245	4.268	4.285	4.286	4.288	4.285	31.071	-5.808	20.473
0.846	115.370											
2234.000	92.061	145.126	231.016	4.310	4.318	4.328	4.329	4.330	4.329	31.223	-5.648	19.777
0.869	115.409											
2234.500	92.073	144.649	227.853	4.389	4.384	4.387	4.389	4.389	4.389	31.231	-5.587	12.441
0.892	115.319											
2235.000	91.885	145.128	227.296	4.407	4.399	4.397	4.400	4.400	4.400	31.099	-5.417	7.187
0.896	115.173											
2235.500	91.596	145.360	228.296	4.398	4.380	4.376	4.380	4.380	4.380	30.896	-5.238	11.636
0.882	115.198											
2236.000	91.369	145.050	228.312	4.398	4.378	4.373	4.378	4.378	4.380	30.737	-5.191	18.551
0.877	115.405											
2236.500	91.260	144.873	226.975	4.418	4.400	4.395	4.402	4.402	4.406	30.660	-5.076	21.971
0.895	115.474											
2237.000	91.209	145.305	225.659	4.434	4.421	4.417	4.426	4.426	4.431	30.625	-5.062	24.711
0.928	115.343											
2237.500	91.111	145.671	224.056	4.456	4.448	4.445	4.456	4.456	4.463	30.555	-5.215	25.636
0.941	115.140											
2238.000	90.861	143.761	220.865	4.519	4.508	4.506	4.519	4.519	4.528	30.380	-5.325	20.610
0.924	115.043											
2238.500	90.460	140.936	216.686	4.605	4.591	4.590	4.605	4.605	4.615	30.098	-5.566	13.990
0.914	115.147											
2239.000	90.009	139.989	212.515	4.695	4.676	4.678	4.695	4.695	4.706	29.782	-5.999	10.778
0.936	115.311											
2239.500	89.630	141.114	208.610	4.774	4.758	4.764	4.782	4.782	4.794	29.515	-6.374	7.722
0.965	115.290											
2240.000	89.378	142.163	205.721	4.826	4.822	4.831	4.849	4.849	4.861	29.338	-6.629	2.807
0.976	115.088											
2240.500	89.182	140.780	204.440	4.844	4.851	4.862	4.879	4.879	4.891	29.201	-6.727	-0.038
0.973	114.956											
2241.000	88.873	137.862	203.481	4.862	4.877	4.888	4.903	4.903	4.914	28.984	-6.691	1.199
0.971	115.029											
2241.500	88.327	136.250	200.335	4.941	4.959	4.969	4.980	4.980	4.992	28.600	-6.942	4.718
0.973	115.212											
2242.000	87.621	134.656	195.807	5.058	5.082	5.090	5.097	5.097	5.107	28.104	-7.442	11.863
0.974	115.261											
2242.500	87.080	131.351	194.624	5.088	5.121	5.127	5.130	5.130	5.138	27.725	-7.865	24.823
0.971	115.127											
2243.000	87.130	131.110	198.874	4.974	5.017	5.022	5.022	5.022	5.028	27.760	-8.221	37.485
0.970	115.085											
2243.500	87.878	136.039	206.686	4.783	4.831	4.833	4.833	4.833	4.838	28.285	-8.188	42.780
0.980	115.189											
2244.000	88.962	141.539	214.801	4.605	4.651	4.652	4.652	4.652	4.655	29.046	-7.698	38.674
0.996	115.144											
2244.500	89.834	144.681	218.852	4.529	4.568	4.568	4.568	4.568	4.569	29.658	-7.271	29.964
1.004	114.970											
2245.000	90.163	145.687	217.022	4.581	4.608	4.608	4.608	4.608	4.608	29.890	-6.963	22.011
0.998	115.021											
2245.500	90.111	144.739	214.312	4.653	4.666	4.667	4.666	4.666	4.666	29.853	-6.469	20.508
0.983	115.259											



2246.000	90.097	143.176	216.568	4.615	4.617	4.620	4.617	4.617	4.617	29.843	-6.095	22.493
0.969	115.366											
2246.500	90.346	143.538	222.224	4.502	4.502	4.506	4.502	4.502	4.500	30.019	-5.683	25.226
0.955	115.268											
2247.000	90.772	145.423	225.685	4.435	4.437	4.440	4.435	4.435	4.431	30.318	-5.032	28.736
0.938	115.197											
2247.500	91.132	145.991	225.769	4.436	4.438	4.443	4.436	4.436	4.429	30.570	-4.618	31.215
0.920	115.250											
2248.000	91.223	144.561	225.414	4.445	4.447	4.454	4.445	4.445	4.436	30.634	-4.542	26.660
0.907	115.242											
2248.500	91.021	142.966	225.158	4.453	4.454	4.463	4.453	4.453	4.441	30.492	-4.373	20.831
0.899	115.115											
2249.000	90.674	141.447	223.116	4.496	4.497	4.508	4.497	4.497	4.482	30.248	-4.369	19.064
0.899	115.115											
2249.500	90.414	140.421	221.363	4.532	4.534	4.548	4.536	4.536	4.517	30.066	-4.502	15.581
0.906	115.250											
2250.000	90.470	141.395	224.029	4.468	4.483	4.498	4.487	4.486	4.464	30.106	-4.453	8.009
0.909	115.352											
2250.500	90.922	144.121	230.598	4.337	4.358	4.376	4.363	4.361	4.337	30.423	-4.470	3.621
0.901	115.454											
2251.000	91.634	146.665	236.310	4.240	4.260	4.276	4.263	4.259	4.232	30.923	-4.720	3.198
0.890	115.556											
2251.500	92.303	148.540	237.405	4.238	4.250	4.262	4.248	4.241	4.212	31.393	-4.884	0.930
0.884	115.491											
2252.000	92.602	149.449	234.485	4.302	4.315	4.323	4.306	4.297	4.265	31.603	-5.050	-2.382
0.887	115.291											
2252.500	92.424	150.169	230.426	4.404	4.404	4.407	4.388	4.376	4.340	31.477	-5.213	-4.753
0.899	115.172											
2253.000	91.930	150.779	226.604	4.500	4.490	4.489	4.468	4.453	4.413	31.131	-5.296	-8.005
0.913	115.173											
2253.500	91.407	149.950	224.506	4.554	4.541	4.538	4.515	4.497	4.454	30.764	-5.334	-15.212
0.927	115.215											
2254.000	91.139	146.944	226.784	4.510	4.499	4.497	4.472	4.453	4.409	30.575	-5.359	-21.229
0.939	115.307											
2254.500	91.219	144.452	232.287	4.398	4.393	4.393	4.367	4.347	4.305	30.631	-5.264	-20.376
0.944	115.335											
2255.000	91.473	145.048	236.416	4.317	4.318	4.317	4.291	4.271	4.230	30.809	-5.046	-12.678
0.937	115.233											
2255.500	91.661	146.924	237.102	4.305	4.309	4.306	4.279	4.259	4.218	30.942	-4.799	-4.967
0.930	115.182											
2256.000	91.662	146.883	235.595	4.337	4.341	4.335	4.306	4.286	4.245	30.942	-4.643	-0.694
0.934	115.132											
2256.500	91.527	145.710	234.392	4.368	4.368	4.358	4.327	4.307	4.266	30.848	-4.672	0.282
0.947	114.930											
2257.000	91.449	146.562	235.201	4.362	4.356	4.341	4.311	4.291	4.252	30.793	-4.696	-0.198
0.964	114.747											
2257.500	91.568	149.121	236.743	4.340	4.327	4.310	4.281	4.261	4.224	30.877	-4.633	-3.473
0.980	114.878											
2258.000	91.819	150.332	236.799	4.342	4.325	4.306	4.278	4.256	4.223	31.053	-4.639	-7.759
0.987	115.177											
2258.500	92.017	148.986	235.479	4.366	4.345	4.326	4.300	4.277	4.247	31.192	-4.614	-13.337
0.978	115.335											
2259.000	92.005	147.565	233.488	4.399	4.377	4.359	4.335	4.310	4.283	31.183	-4.490	-16.294
0.954	115.286											

2259.500	91.738	148.628	230.963	4.440	4.417	4.401	4.380	4.353	4.330	30.996	-4.418	-14.283
0.929	115.083											
2260.000	91.348	150.974	229.234	4.463	4.440	4.427	4.411	4.382	4.362	30.722	-4.143	-7.402
0.914	114.771											
2260.500	91.069	153.043	228.951	4.457	4.434	4.425	4.413	4.382	4.368	30.526	-3.621	-3.185
0.911	114.553											
2261.000	91.095	154.948	228.805	4.449	4.427	4.418	4.413	4.380	4.371	30.544	-3.198	-2.106
0.924	114.722											
2261.500	91.422	156.673	228.507	4.448	4.425	4.414	4.414	4.381	4.376	30.774	-2.902	-3.439
0.943	115.077											
2262.000	91.582	157.800	226.852	4.483	4.452	4.436	4.442	4.407	4.408	30.887	-2.899	-7.929
0.949	115.330											
2262.500	90.712	158.097	217.890	4.686	4.633	4.607	4.620	4.582	4.589	30.275	-3.618	-11.395
0.937	115.417											
2263.000	88.085	157.868	195.308	5.271	5.170	5.126	5.148	5.103	5.120	28.431	-5.389	-9.315
0.926	115.421											
2263.500	83.730	157.988	162.380	6.411	6.225	6.158	6.190	6.128	6.158	25.372	-8.278	-6.608
0.928	115.463											
2264.000	78.754	156.341	134.079	7.833	7.537	7.453	7.490	7.410	7.458	21.878	-11.764	-7.999
0.945	115.597											
2264.500	74.828	150.906	119.831	8.716	8.388	8.320	8.355	8.273	8.345	19.121	-14.799	
-10.441	0.966	115.692										
2265.000	73.117	144.389	118.446	8.638	8.409	8.381	8.423	8.359	8.443	17.919	-16.653	
-12.035	0.981	115.700										
2265.500	73.636	139.020	125.096	7.988	7.949	7.909	7.950	7.913	7.994	18.284	-17.029	
-13.573	0.982	115.692										
2266.000	75.462	134.048	133.113	7.450	7.427	7.407	7.457	7.429	7.512	19.566	-16.349	
-11.296	0.966	115.597										
2266.500	77.461	130.906	137.029	7.151	7.169	7.165	7.231	7.207	7.298	20.970	-15.461	-6.884
0.941	115.421											
2267.000	78.943	130.665	137.369	7.099	7.121	7.119	7.201	7.182	7.280	22.011	-14.724	-5.352
0.923	115.278											
2267.500	79.850	132.734	137.564	7.089	7.092	7.083	7.181	7.166	7.269	22.647	-13.953	-3.550
0.912	115.234											
2268.000	80.385	136.581	139.362	7.007	6.986	6.967	7.076	7.069	7.176	23.023	-13.299	1.608
0.907	115.258											
2268.500	80.644	139.774	141.384	6.914	6.874	6.848	6.962	6.966	7.073	23.205	-12.833	4.891
0.908	115.333											
2269.000	80.508	139.190	141.096	6.931	6.876	6.846	6.969	6.980	7.087	23.110	-12.448	8.060
0.914	115.467											
2269.500	79.801	134.652	138.223	7.081	7.012	6.977	7.112	7.125	7.235	22.613	-12.731	
13.305	0.922	115.595										
2270.000	78.616	127.646	135.283	7.249	7.162	7.123	7.268	7.280	7.392	21.781	-13.997	
11.531	0.928	115.569										
2270.500	77.395	120.724	134.823	7.297	7.193	7.148	7.297	7.308	7.417	20.923	-15.489	1.067
0.927	115.352											
2271.000	76.650	118.111	136.668	7.214	7.110	7.057	7.204	7.212	7.317	20.400	-16.796	-1.393
0.927	115.123											
2271.500	76.658	120.262	138.938	7.099	7.012	6.952	7.093	7.099	7.197	20.406	-17.582	8.994
0.943	115.115											
2272.000	77.350	122.468	141.195	6.989	6.918	6.850	6.985	6.989	7.082	20.892	-17.358	
14.069	0.975	115.242										
2272.500	78.377	124.147	144.054	6.853	6.797	6.723	6.851	6.853	6.942	21.613	-16.379	4.397
1.000	115.208											

2273.000	79.323	128.392	146.815	6.725	6.683	6.602	6.725	6.726	6.811	22.278	-15.236	-8.510
1.007	115.041											
2273.500	79.848	133.453	146.961	6.753	6.687	6.597	6.720	6.720	6.805	22.646	-14.073	
-16.424	0.996	115.095										
2274.000	79.834	135.776	142.799	7.006	6.887	6.781	6.913	6.914	7.003	22.636	-13.162	
-22.677	0.978	115.362										
2274.500	79.510	136.219	136.769	7.352	7.188	7.062	7.212	7.212	7.312	22.409	-12.640	
-24.412	0.970	115.532										
2275.000	79.245	136.228	133.448	7.538	7.359	7.217	7.383	7.384	7.494	22.223	-12.299	
-16.953	0.976	115.560										
2275.500	79.195	135.239	133.600	7.497	7.334	7.190	7.366	7.369	7.485	22.187	-12.081	-7.395
0.976	115.561											
2276.000	79.189	133.325	132.262	7.520	7.381	7.239	7.429	7.434	7.561	22.183	-11.996	-8.235
0.963	115.565											
2276.500	78.981	131.293	125.743	7.832	7.717	7.577	7.795	7.805	7.953	22.037	-12.353	
-15.686	0.953	115.612										
2277.000	78.555	130.122	118.033	8.308	8.167	8.030	8.286	8.302	8.472	21.738	-13.247	
-15.135	0.958	115.654										
2277.500	78.214	130.258	115.359	8.418	8.300	8.182	8.455	8.478	8.669	21.499	-14.287	-9.474
0.963	115.561											
2278.000	78.275	131.544	118.905	8.052	7.999	7.913	8.175	8.208	8.410	21.541	-15.157	
-10.386	0.955	115.451										
2278.500	78.710	132.782	125.617	7.522	7.519	7.462	7.710	7.753	7.961	21.847	-15.873	
-11.846	0.939	115.493										
2279.000	79.251	133.981	132.144	7.075	7.104	7.065	7.302	7.354	7.568	22.227	-16.174	-5.422
0.927	115.603											
2279.500	79.675	135.730	136.512	6.799	6.840	6.812	7.043	7.104	7.325	22.524	-16.062	1.964
0.926	115.532											
2280.000	79.907	137.890	138.084	6.705	6.737	6.711	6.941	7.010	7.242	22.688	-15.747	2.956
0.937	115.270											
2280.500	79.994	139.324	137.406	6.746	6.751	6.720	6.953	7.031	7.278	22.748	-15.268	4.724
0.954	115.064											
2281.000	80.019	138.953	136.406	6.821	6.786	6.746	6.984	7.069	7.331	22.766	-14.842	
10.064	0.966	115.109										
2281.500	80.027	137.954	136.815	6.827	6.752	6.701	6.944	7.034	7.309	22.772	-14.856	
13.902	0.963	115.321										
2282.000	80.042	137.348	138.513	6.765	6.657	6.598	6.840	6.932	7.220	22.782	-14.924	
12.571	0.954	115.433										
2282.500	80.066	135.896	139.462	6.736	6.598	6.532	6.774	6.869	7.170	22.799	-14.737	
10.798	0.952	115.412										
2283.000	80.067	132.839	138.832	6.786	6.615	6.543	6.788	6.884	7.203	22.800	-14.483	
12.948	0.956	115.454										
2283.500	80.040	131.558	137.837	6.858	6.648	6.568	6.816	6.916	7.255	22.781	-14.032	
14.841	0.956	115.546										
2284.000	80.021	134.208	138.252	6.867	6.619	6.530	6.775	6.878	7.233	22.767	-13.370	
11.743	0.950	115.569										
2284.500	80.005	138.080	140.150	6.788	6.521	6.423	6.659	6.764	7.135	22.756	-12.865	3.660
0.941	115.526											
2285.000	79.939	140.577	141.362	6.725	6.460	6.351	6.579	6.687	7.074	22.710	-12.823	-4.539
0.935	115.479											
2285.500	79.794	140.592	138.118	6.913	6.596	6.470	6.703	6.822	7.240	22.608	-13.338	
-11.847	0.930	115.479										
2286.000	79.608	138.931	129.896	7.366	6.986	6.832	7.085	7.224	7.698	22.478	-14.341	
-18.236	0.926	115.639										

2286.500	79.457	137.480	122.151	7.817	7.390	7.208	7.484	7.649	8.187	22.371	-15.318	
-17.796	0.921	115.838										
2287.000	79.400	136.656	120.191	7.909	7.487	7.292	7.567	7.747	8.320	22.331	-16.067	
-10.504	0.911	115.771										
2287.500	79.418	134.177	122.587	7.721	7.331	7.133	7.388	7.573	8.157	22.344	-16.760	-7.723
0.899	115.508											
2288.000	79.452	129.607	125.406	7.549	7.177	6.967	7.194	7.382	7.974	22.368	-17.644	
-13.675	0.894	115.395										
2288.500	79.491	125.664	127.069	7.498	7.111	6.868	7.067	7.265	7.870	22.396	-18.791	
-20.966	0.899	115.484										
2289.000	79.541	123.736	128.771	7.506	7.070	6.778	6.948	7.159	7.766	22.430	-19.956	
-23.454	0.906	115.505										
2289.500	79.573	123.233	132.400	7.485	6.954	6.603	6.739	6.965	7.553	22.453	-20.720	
-22.467	0.909	115.463										
2290.000	79.413	124.016	140.395	7.352	6.643	6.258	6.352	6.577	7.123	22.341	-21.277	
-19.717	0.909	115.530										
2290.500	78.713	126.120	154.251	7.071	6.136	5.737	5.790	6.001	6.483	21.849	-22.475	
-20.956	0.907	115.640										
2291.000	77.328	124.632	172.467	6.754	5.586	5.173	5.194	5.383	5.798	20.877	-25.043	
-29.579	0.909	115.649										
2291.500	75.600	113.060	192.694	6.483	5.079	4.664	4.663	4.832	5.190	19.663	-29.472	
-34.934	0.930	115.616										
2292.000	74.244	93.749	220.261	6.000	4.507	4.122	4.108	4.251	4.540	18.711	-35.510	-27.916
0.975	115.622											
2292.500	73.925	77.570	261.791	5.177	3.839	3.516	3.498	3.609	3.820	18.487	-41.920	-17.250
1.009	115.558											
2293.000	74.763	71.447	309.139	4.403	3.282	3.017	3.000	3.083	3.235	19.075	-47.409	-14.434
1.007	115.428											
2293.500	76.227	71.804	342.229	3.995	2.988	2.749	2.733	2.802	2.922	20.103	-51.276	-12.061
0.982	115.448											
2294.000	77.557	73.877	352.143	3.928	2.929	2.687	2.670	2.734	2.840	21.037	-53.364	-4.732
0.957	115.667											
2294.500	78.382	76.973	342.446	4.096	3.040	2.773	2.753	2.819	2.920	21.616	-53.777	3.916
0.937	115.840											
2295.000	78.825	82.201	319.581	4.451	3.292	2.979	2.954	3.027	3.129	21.928	-52.627	4.129
0.922	115.814											
2295.500	79.210	91.895	293.288	4.923	3.629	3.257	3.221	3.303	3.410	22.198	-50.036	-0.814
0.911	115.649											
2296.000	79.771	105.416	281.970	5.166	3.817	3.410	3.360	3.445	3.546	22.592	-47.324	-1.628
0.896	115.463											
2296.500	80.450	112.716	299.901	4.825	3.612	3.239	3.181	3.255	3.334	23.069	-45.914	1.958
0.887	115.395											
2297.000	81.024	105.440	348.806	4.093	3.113	2.818	2.761	2.814	2.867	23.472	-46.566	0.782
0.906	115.438											
2297.500	81.345	91.338	415.376	3.416	2.622	2.388	2.338	2.374	2.407	23.698	-49.174	-7.057
0.949	115.493											
2298.000	81.368	82.405	474.652	3.012	2.309	2.107	2.059	2.085	2.107	23.713	-52.789	-13.938
0.977	115.519											
2298.500	81.098	80.717	505.943	2.891	2.189	1.989	1.939	1.960	1.977	23.524	-55.748	-13.232
0.979	115.524											
2299.000	80.612	82.382	502.492	3.032	2.241	2.016	1.957	1.977	1.990	23.183	-57.429	-6.326
0.974	115.472											
2299.500	80.064	85.100	480.338	3.330	2.392	2.123	2.051	2.071	2.082	22.798	-58.330	1.592
0.969	115.430											

2300.000	79.596	87.362	473.652	3.464	2.461	2.166	2.084	2.103	2.111	22.469	-59.259	4.699
0.958	115.497											
2300.500	79.341	86.307	495.273	3.281	2.364	2.082	1.998	2.014	2.019	22.290	-60.601	0.426
0.943	115.658											
2301.000	79.358	81.213	526.411	3.048	2.227	1.967	1.885	1.897	1.900	22.302	-62.265	-5.124
0.935	115.730											
2301.500	79.481	78.172	546.241	2.961	2.160	1.905	1.821	1.831	1.831	22.388	-63.359	-5.820
0.935	115.739											
2302.000	79.488	82.231	562.601	2.934	2.117	1.860	1.772	1.780	1.777	22.393	-63.521	-0.701
0.936	115.761											
2302.500	79.311	87.459	594.423	2.807	2.014	1.767	1.680	1.686	1.682	22.269	-63.680	2.992
0.936	115.738											
2303.000	79.027	84.070	643.736	2.588	1.859	1.634	1.554	1.558	1.553	22.069	-64.522	-0.580
0.939	115.739											
2303.500	78.781	72.078	700.448	2.366	1.704	1.502	1.430	1.432	1.428	21.897	-66.129	-9.037
0.945	115.781											
2304.000	78.616	59.781	757.089	2.177	1.571	1.389	1.324	1.325	1.321	21.781	-68.041	-15.979
0.951	115.786											
2304.500	78.382	53.505	809.181	2.028	1.464	1.298	1.239	1.240	1.236	21.617	-69.220	-20.969
0.954	115.735											
2305.000	77.972	51.198	850.649	1.927	1.389	1.233	1.179	1.180	1.176	21.329	-69.665	-21.113
0.954	115.743											
2305.500	77.508	48.072	880.314	1.864	1.340	1.190	1.139	1.140	1.136	21.003	-69.987	-14.631
0.951	115.756											
2306.000	77.241	45.503	904.248	1.810	1.301	1.156	1.109	1.109	1.106	20.815	-69.858	-8.092
0.943	115.759											
2306.500	77.329	48.114	923.700	1.763	1.270	1.130	1.086	1.085	1.083	20.877	-69.273	-8.261
0.936	115.772											
2307.000	77.679	53.920	932.201	1.745	1.257	1.118	1.076	1.075	1.073	21.123	-68.662	-14.463
0.929	115.822											
2307.500	78.057	55.924	926.354	1.768	1.265	1.124	1.083	1.081	1.080	21.388	-68.101	-19.254
0.919	115.890											
2308.000	78.377	53.613	907.297	1.833	1.296	1.148	1.106	1.103	1.102	21.613	-67.872	-20.533
0.913	115.974											
2308.500	78.753	53.041	884.844	1.910	1.334	1.178	1.135	1.130	1.130	21.877	-67.938	-22.427
0.915	116.019											
2309.000	79.256	56.871	874.255	1.946	1.353	1.192	1.149	1.142	1.144	22.230	-67.864	-24.341
0.919	116.045											
2309.500	79.760	62.721	871.681	1.949	1.357	1.196	1.153	1.145	1.147	22.584	-67.566	-23.238
0.919	116.113											
2310.000	80.032	68.799	853.212	2.007	1.392	1.224	1.179	1.169	1.172	22.775	-67.232	-21.846
0.920	116.154											
2310.500	79.951	73.758	810.105	2.171	1.481	1.293	1.242	1.230	1.234	22.718	-66.812	-15.613
0.921	116.117											
2311.000	79.647	75.332	761.373	2.389	1.595	1.381	1.322	1.307	1.313	22.505	-66.557	-3.597
0.921	116.097											
2311.500	79.344	72.235	731.403	2.534	1.675	1.441	1.377	1.359	1.367	22.292	-66.256	3.470
0.921	116.096											
2312.000	79.135	67.126	723.775	2.553	1.695	1.458	1.391	1.373	1.382	22.145	-65.947	1.140
0.922	115.957											
2312.500	78.980	63.183	723.865	2.532	1.693	1.459	1.390	1.372	1.381	22.037	-65.910	-1.282
0.925	115.856											
2313.000	78.812	63.047	718.834	2.549	1.706	1.470	1.400	1.381	1.391	21.919	-65.887	-1.827
0.929	115.933											

2313.500	78.638	69.104	712.147	2.583	1.724	1.485	1.413	1.394	1.404	21.797	-65.575	-4.241
0.934	115.936											
2314.000	78.551	78.187	715.868	2.558	1.711	1.477	1.405	1.388	1.397	21.735	-65.466	-5.793
0.933	115.735											
2314.500	78.634	82.951	735.001	2.445	1.656	1.436	1.368	1.352	1.361	21.793	-65.462	-4.582
0.927	115.604											
2315.000	78.890	81.150	758.431	2.319	1.593	1.389	1.326	1.311	1.319	21.974	-65.340	-5.087
0.920	115.616											
2315.500	79.251	76.361	766.135	2.272	1.572	1.374	1.313	1.299	1.305	22.227	-65.384	-8.029
0.918	115.684											
2316.000	79.646	73.724	748.555	2.342	1.614	1.408	1.345	1.331	1.336	22.504	-65.042	-3.868
0.920	115.750											
2316.500	80.045	76.770	715.192	2.494	1.701	1.477	1.409	1.394	1.398	22.785	-63.786	10.429
0.921	115.843											
2317.000	80.438	82.092	686.335	2.633	1.783	1.542	1.470	1.454	1.457	23.060	-62.362	22.832
0.918	115.957											
2317.500	80.766	82.917	672.375	2.693	1.824	1.576	1.502	1.485	1.487	23.291	-61.258	22.410
0.913	115.954											
2318.000	80.924	80.350	670.712	2.691	1.826	1.581	1.507	1.490	1.491	23.402	-60.579	16.741
0.910	115.684											
2318.500	80.834	81.099	680.561	2.633	1.793	1.558	1.486	1.470	1.469	23.338	-60.615	15.824
0.909	115.412											
2319.000	80.551	84.375	705.942	2.497	1.718	1.500	1.433	1.419	1.417	23.140	-61.163	13.416
0.906	115.518											
2319.500	80.265	83.607	739.681	2.338	1.627	1.430	1.368	1.355	1.352	22.939	-61.746	1.777
0.901	115.842											
2320.000	80.135	78.297	759.040	2.265	1.581	1.392	1.333	1.321	1.317	22.848	-62.329	-11.539
0.897	115.935											
2320.500	80.157	74.884	750.386	2.326	1.606	1.410	1.350	1.337	1.333	22.863	-62.521	-16.956
0.895	115.788											
2321.000	80.183	76.565	724.242	2.470	1.677	1.464	1.400	1.386	1.381	22.881	-62.051	-21.435
0.895	115.741											
2321.500	80.075	80.425	702.071	2.584	1.740	1.513	1.445	1.431	1.424	22.805	-61.090	-28.578
0.896	115.825											
2322.000	79.859	82.759	692.299	2.609	1.766	1.536	1.466	1.452	1.444	22.654	-60.094	-28.123
0.897	115.863											
2322.500	79.691	81.581	687.064	2.598	1.778	1.548	1.478	1.464	1.455	22.536	-59.720	-17.805
0.897	115.866											
2323.000	79.677	77.329	675.659	2.630	1.810	1.576	1.504	1.489	1.480	22.526	-60.160	-11.704
0.896	115.929											
2323.500	79.777	73.651	657.445	2.717	1.868	1.623	1.546	1.531	1.521	22.596	-60.838	-16.303
0.895	116.023											
2324.000	79.875	73.980	641.711	2.810	1.923	1.667	1.585	1.570	1.558	22.665	-61.335	-24.019
0.896	115.982											
2324.500	79.884	76.316	637.660	2.838	1.940	1.680	1.596	1.580	1.568	22.672	-61.594	-25.040
0.896	115.741											
2325.000	79.784	79.160	648.713	2.774	1.903	1.651	1.568	1.554	1.542	22.601	-61.387	-20.280
0.896	115.631											
2325.500	79.599	83.816	672.086	2.643	1.827	1.592	1.513	1.500	1.488	22.471	-61.111	-18.057
0.897	115.804											
2326.000	79.353	87.685	701.015	2.500	1.740	1.523	1.449	1.438	1.427	22.298	-61.353	-19.138
0.898	115.990											
2326.500	79.088	88.161	728.012	2.385	1.667	1.463	1.394	1.385	1.374	22.113	-62.119	-22.223
0.897	116.012											

2327.000	78.885	94.012	746.698	2.318	1.620	1.424	1.358	1.351	1.339	21.969	-63.090	-29.570
0.896	115.855											
2327.500	78.798	114.157	753.179	2.308	1.605	1.410	1.346	1.339	1.328	21.909	-64.034	
-35.045	0.895	115.569										
2328.000	78.795	137.046	750.871	2.337	1.612	1.414	1.350	1.344	1.332	21.907	-64.469	
-31.014	0.894	115.368										
2328.500	78.768	140.594	751.930	2.343	1.609	1.411	1.348	1.342	1.330	21.888	-64.457	
-25.928	0.892	115.387										
2329.000	78.649	121.636	764.312	2.291	1.578	1.386	1.326	1.321	1.308	21.804	-64.435	
-29.002	0.891	115.590										
2329.500	78.478	98.486	782.841	2.212	1.533	1.351	1.295	1.289	1.277	21.684	-64.534	-35.439
0.889	115.891											
2330.000	78.332	86.038	797.988	2.153	1.499	1.324	1.270	1.265	1.253	21.581	-65.080	-34.907
0.889	116.034											
2330.500	78.224	82.531	802.323	2.140	1.491	1.316	1.264	1.258	1.246	21.505	-65.958	-29.751
0.889	115.909											
2331.000	78.112	81.892	788.659	2.203	1.523	1.341	1.287	1.280	1.268	21.427	-66.361	-30.133
0.888	115.782											
2331.500	78.009	85.464	759.743	2.340	1.594	1.396	1.337	1.329	1.316	21.355	-66.067	-36.236
0.887	115.917											
2332.000	78.023	95.452	735.773	2.461	1.658	1.445	1.382	1.373	1.359	21.364	-65.293	-40.640
0.886	116.178											
2332.500	78.259	105.308	731.877	2.474	1.669	1.454	1.390	1.380	1.366	21.530	-64.180	
-44.559	0.887	116.354										
2333.000	78.685	107.705	740.109	2.423	1.647	1.438	1.375	1.364	1.351	21.829	-63.379	
-45.916	0.888	116.395										
2333.500	79.122	103.753	745.469	2.395	1.633	1.428	1.365	1.354	1.341	22.136	-63.209	
-40.627	0.891	116.387										
2334.000	79.403	97.378	744.974	2.400	1.636	1.429	1.366	1.354	1.342	22.334	-63.246	-33.732
0.894	116.293											
2334.500	79.464	90.437	739.632	2.425	1.651	1.441	1.376	1.363	1.352	22.377	-63.283	-33.413
0.895	116.138											
2335.000	79.318	87.738	725.325	2.491	1.690	1.471	1.403	1.390	1.379	22.274	-63.543	-36.089
0.895	116.021											
2335.500	79.026	93.983	701.708	2.607	1.757	1.523	1.450	1.437	1.425	22.069	-64.155	-33.346
0.892	115.880											
2336.000	78.685	101.502	678.195	2.726	1.829	1.579	1.501	1.486	1.475	21.830	-64.978	
-27.090	0.889	115.750										
2336.500	78.436	97.182	663.993	2.790	1.874	1.615	1.533	1.518	1.506	21.655	-65.751	-25.854
0.885	115.835											
2337.000	78.403	83.037	662.314	2.782	1.877	1.620	1.536	1.522	1.510	21.631	-66.123	-31.535
0.881	116.023											
2337.500	78.601	71.154	674.952	2.696	1.834	1.588	1.506	1.493	1.482	21.770	-66.115	-35.001
0.876	115.997											
2338.000	78.934	65.109	701.132	2.548	1.754	1.526	1.448	1.437	1.426	22.004	-66.019	-34.030
0.872	115.876											
2338.500	79.304	61.248	729.969	2.411	1.675	1.463	1.390	1.380	1.370	22.264	-66.051	-34.310
0.871	115.880											
2339.000	79.678	60.258	746.684	2.352	1.635	1.430	1.358	1.350	1.339	22.527	-66.117	-34.572
0.872	116.024											
2339.500	80.001	63.839	750.423	2.361	1.632	1.423	1.351	1.344	1.333	22.754	-66.016	-31.331
0.871	116.182											
2340.000	80.130	68.287	753.981	2.368	1.628	1.417	1.344	1.338	1.326	22.844	-65.569	-32.120
0.870	116.114											

2340.500	79.907	68.408	766.081	2.333	1.601	1.394	1.323	1.317	1.305	22.688	-65.007	-39.302
0.870	115.749											
2341.000	79.309	63.304	786.361	2.265	1.556	1.357	1.289	1.283	1.272	22.268	-64.685	-40.733
0.871	115.531											
2341.500	78.567	56.710	814.780	2.168	1.495	1.307	1.243	1.238	1.227	21.747	-64.782	-34.732
0.873	115.633											
2342.000	78.027	52.116	849.223	2.052	1.427	1.252	1.193	1.188	1.178	21.368	-65.243	-33.155
0.876	115.696											
2342.500	77.892	49.716	878.429	1.958	1.374	1.208	1.153	1.148	1.138	21.272	-65.885	-40.456
0.878	115.569											
2343.000	78.110	47.820	887.716	1.933	1.360	1.195	1.141	1.136	1.126	21.425	-66.368	-47.091
0.879	115.523											
2343.500	78.471	47.392	868.395	2.004	1.399	1.224	1.167	1.161	1.152	21.679	-66.469	-48.858
0.882	115.661											
2344.000	78.794	51.263	829.576	2.160	1.480	1.285	1.222	1.215	1.205	21.906	-66.146	-50.953
0.884	115.793											
2344.500	79.046	59.183	805.260	2.270	1.535	1.327	1.259	1.252	1.242	22.083	-65.437	-49.219
0.885	115.837											
2345.000	79.302	65.864	825.957	2.175	1.488	1.292	1.227	1.220	1.211	22.262	-64.882	-34.385
0.886	115.812											
2345.500	79.557	66.332	888.245	1.935	1.362	1.196	1.140	1.133	1.126	22.442	-64.845	-16.796
0.887	115.722											
2346.000	79.702	60.910	951.053	1.747	1.256	1.112	1.063	1.057	1.051	22.544	-65.139	-12.875
0.890	115.700											
2346.500	79.633	54.165	975.569	1.690	1.219	1.082	1.036	1.030	1.025	22.495	-65.701	-19.740
0.893	115.937											
2347.000	79.371	50.463	959.263	1.741	1.245	1.101	1.053	1.047	1.042	22.311	-66.142	-24.437
0.894	116.201											
2347.500	79.098	49.572	926.259	1.837	1.297	1.141	1.090	1.083	1.080	22.119	-65.975	-30.512
0.896	116.269											
2348.000	79.000	50.962	899.261	1.913	1.342	1.176	1.123	1.115	1.112	22.051	-65.354	-44.137
0.899	116.235											
2348.500	79.116	56.469	884.722	1.947	1.365	1.194	1.140	1.132	1.130	22.132	-64.626	-59.388
0.903	116.160											
2349.000	79.341	66.030	879.875	1.954	1.370	1.200	1.146	1.137	1.137	22.290	-63.839	-65.726
0.905	116.028											
2349.500	79.553	75.683	881.994	1.943	1.363	1.195	1.142	1.134	1.134	22.439	-63.684	-64.566
0.906	115.986											
2350.000	79.698	81.564	890.859	1.916	1.345	1.181	1.130	1.122	1.123	22.540	-64.051	-62.120
0.909	116.164											
2350.500	79.783	81.931	902.216	1.883	1.323	1.165	1.115	1.107	1.108	22.600	-64.306	-57.394
0.913	116.361											
2351.000	79.827	78.213	908.654	1.866	1.311	1.155	1.107	1.098	1.101	22.631	-64.500	-51.149
0.918	116.387											
2351.500	79.831	74.002	907.639	1.871	1.311	1.155	1.108	1.099	1.102	22.634	-64.595	-49.592
0.921	116.328											
2352.000	79.816	70.580	903.008	1.883	1.316	1.160	1.113	1.104	1.107	22.624	-64.444	-51.750
0.925	116.348											
2352.500	79.821	68.951	899.244	1.888	1.318	1.163	1.118	1.107	1.112	22.627	-64.665	-51.896
0.933	116.371											
2353.000	79.856	69.216	894.203	1.892	1.321	1.167	1.123	1.113	1.118	22.652	-65.315	-53.557
0.948	116.307											
2353.500	79.891	69.741	879.414	1.925	1.340	1.184	1.142	1.131	1.137	22.676	-65.951	-60.502
0.958	116.257											



2354.000	79.815	69.005	850.212	2.004	1.385	1.223	1.181	1.168	1.176	22.623	-66.646	-67.414
0.955	116.205											
2354.500	79.430	66.561	808.796	2.129	1.457	1.284	1.241	1.227	1.236	22.352	-67.147	-70.010
0.949	116.138											
2355.000	78.618	62.934	757.832	2.304	1.559	1.369	1.325	1.308	1.320	21.783	-67.104	-70.951
0.948	116.150											
2355.500	77.520	60.944	697.385	2.550	1.700	1.487	1.439	1.419	1.434	21.011	-66.273	-74.042
0.952	116.191											
2356.000	76.552	64.856	631.857	2.877	1.886	1.640	1.588	1.562	1.583	20.331	-64.564	-75.548
0.957	116.150											
2356.500	76.113	74.430	574.497	3.204	2.079	1.802	1.746	1.715	1.741	20.023	-62.406	-71.934
0.960	116.158											
2357.000	76.134	82.139	532.974	3.421	2.232	1.938	1.880	1.844	1.876	20.038	-60.676	-68.306
0.959	116.285											
2357.500	76.249	78.514	497.532	3.587	2.374	2.071	2.012	1.972	2.010	20.118	-59.227	-65.943
0.958	116.285											
2358.000	76.350	66.356	452.999	3.863	2.590	2.267	2.206	2.160	2.208	20.190	-57.515	-59.911
0.963	116.158											
2358.500	76.764	60.834	400.982	4.239	2.904	2.551	2.487	2.431	2.494	20.480	-53.930	-54.661
0.973	116.158											
2359.000	77.852	74.191	354.797	4.477	3.235	2.866	2.801	2.737	2.819	21.245	-46.782	-57.594
0.971	116.289											
2359.500	79.341	98.516	320.889	4.443	3.488	3.143	3.085	3.016	3.116	22.290	-37.585	-62.783
0.944	116.336											
2360.000	80.258	111.859	297.723	4.249	3.639	3.353	3.310	3.243	3.359	22.934	-29.934	
-56.746	0.906	116.277										
2360.500	79.834	105.223	283.165	4.030	3.704	3.490	3.464	3.406	3.532	22.636	-25.775	
-43.861	0.883	116.277										
2361.000	78.306	90.789	273.148	3.876	3.732	3.587	3.575	3.530	3.661	21.563	-25.626	-39.045
0.880	116.344											
2361.500	76.559	79.297	264.642	3.818	3.766	3.668	3.672	3.643	3.779	20.337	-27.883	-40.774
0.882	116.391											
2362.000	75.271	71.992	254.710	3.862	3.843	3.775	3.795	3.783	3.926	19.432	-29.581	-36.508
0.883	116.395											
2362.500	74.699	68.717	240.700	4.033	4.018	3.960	3.996	4.001	4.155	19.030	-30.030	-30.187
0.881	116.395											
2363.000	74.978	69.067	228.914	4.187	4.175	4.135	4.187	4.207	4.368	19.226	-29.769	-32.824
0.881	116.395											
2363.500	76.513	73.883	233.757	4.042	4.047	4.029	4.086	4.120	4.278	20.304	-28.500	-40.177
0.884	116.387											
2364.000	79.680	89.340	258.674	3.605	3.623	3.623	3.681	3.723	3.866	22.528	-25.322	-43.039
0.890	116.297											
2364.500	83.998	115.383	284.112	3.261	3.278	3.288	3.345	3.391	3.520	25.561	-20.482	
-41.641	0.890	116.205										
2365.000	88.137	139.804	291.716	3.174	3.182	3.196	3.254	3.305	3.428	28.467	-14.684	
-41.542	0.890	116.226										
2365.500	90.854	151.211	286.506	3.245	3.237	3.251	3.312	3.369	3.490	30.375	-9.589	-41.974
0.896	116.293											
2366.000	91.841	151.320	281.128	3.329	3.302	3.313	3.377	3.437	3.557	31.068	-6.364	-41.800
0.907	116.316											
2366.500	91.748	148.567	279.961	3.366	3.322	3.329	3.393	3.456	3.572	31.003	-4.922	-43.837
0.918	116.297											
2367.000	91.516	146.732	281.946	3.359	3.305	3.310	3.373	3.435	3.547	30.840	-4.280	-46.452
0.931	116.252											

2367.500	91.648	146.633	286.660	3.311	3.257	3.262	3.323	3.382	3.488	30.933	-4.051	-43.729
0.943	116.164											
2368.000	92.030	147.868	290.819	3.264	3.217	3.223	3.281	3.337	3.439	31.201	-3.843	-34.959
0.949	116.079											
2368.500	92.381	148.974	291.447	3.253	3.217	3.226	3.280	3.335	3.431	31.448	-3.800	-27.090
0.951	116.085											
2369.000	92.615	150.139	294.004	3.221	3.198	3.209	3.259	3.310	3.401	31.612	-4.099	-27.171
0.951	116.178											
2369.500	92.790	153.719	303.537	3.120	3.108	3.119	3.163	3.211	3.294	31.735	-4.177	-31.236
0.948	116.223											
2370.000	92.958	157.361	314.559	3.015	3.010	3.020	3.059	3.103	3.179	31.852	-4.099	-30.081
0.941	116.245											
2370.500	93.047	156.345	319.747	2.976	2.972	2.981	3.017	3.056	3.127	31.915	-4.041	-22.812
0.935	116.379											
2371.000	92.912	150.297	318.379	3.005	2.997	3.004	3.037	3.073	3.141	31.820	-4.167	-17.728
0.933	116.505											
2371.500	92.508	144.220	312.785	3.081	3.062	3.067	3.099	3.132	3.197	31.537	-4.600	-20.125
0.933	116.483											
2372.000	91.924	142.635	305.166	3.185	3.150	3.152	3.184	3.215	3.277	31.127	-5.279	-25.678
0.934	116.395											
2372.500	91.296	144.060	296.656	3.306	3.253	3.251	3.283	3.311	3.371	30.685	-5.697	-29.221
0.933	116.278											
2373.000	90.724	143.695	286.038	3.447	3.386	3.380	3.414	3.439	3.496	30.284	-5.801	-30.531
0.935	116.075											
2373.500	90.282	140.505	271.710	3.647	3.574	3.566	3.601	3.625	3.680	29.974	-5.662	-31.080
0.939	115.940											
2374.000	90.079	137.795	255.508	3.887	3.808	3.799	3.836	3.859	3.914	29.830	-5.345	-29.918
0.944	116.029											
2374.500	90.209	137.984	241.047	4.120	4.045	4.036	4.074	4.096	4.149	29.922	-4.974	-28.805
0.949	116.164											
2375.000	90.656	139.753	230.490	4.297	4.239	4.233	4.268	4.289	4.339	30.236	-4.545	-23.606
0.954	116.169											
2375.500	91.285	140.824	225.596	4.383	4.339	4.338	4.369	4.387	4.433	30.678	-4.001	-12.949
0.960	116.156											
2376.000	91.961	141.556	228.343	4.303	4.294	4.300	4.323	4.339	4.379	31.153	-3.474	-7.761
0.965	116.199											
2376.500	92.621	142.116	238.219	4.104	4.121	4.131	4.148	4.163	4.198	31.616	-3.085	-13.657
0.965	116.244											
2377.000	93.212	142.776	250.876	3.889	3.918	3.931	3.943	3.956	3.986	32.031	-2.876	-19.988
0.960	116.307											
2377.500	93.649	143.042	261.143	3.742	3.770	3.782	3.790	3.804	3.829	32.338	-2.837	-21.247
0.955	116.375											
2378.000	93.858	143.016	267.475	3.667	3.686	3.696	3.703	3.716	3.739	32.485	-2.868	-24.179
0.951	116.395											
2378.500	93.884	142.285	271.418	3.630	3.636	3.643	3.650	3.663	3.684	32.503	-2.803	-29.125
0.948	116.395											
2379.000	93.902	140.900	274.971	3.598	3.592	3.596	3.604	3.616	3.637	32.515	-2.738	-28.854
0.948	116.391											
2379.500	94.063	139.784	278.996	3.555	3.541	3.543	3.553	3.565	3.584	32.628	-2.650	-23.278
0.945	116.340											
2380.000	94.344	140.840	282.101	3.520	3.501	3.502	3.515	3.525	3.545	32.826	-2.512	-21.519
0.939	116.226											
2380.500	94.571	142.419	282.332	3.519	3.497	3.497	3.513	3.522	3.542	32.985	-2.509	-23.024
0.935	116.179											

2381.000	94.617	141.924	278.803	3.566	3.539	3.539	3.558	3.567	3.587	33.018	-2.575	-25.205
0.938	116.318											
2381.500	94.529	140.521	270.907	3.670	3.640	3.640	3.663	3.671	3.691	32.956	-2.651	-29.175
0.943	116.526											
2382.000	94.478	139.875	260.581	3.816	3.781	3.781	3.808	3.815	3.838	32.920	-2.770	-35.022
0.948	116.649											
2382.500	94.576	139.495	255.078	3.897	3.859	3.860	3.891	3.897	3.920	32.989	-2.792	-37.453
0.953	116.653											
2383.000	94.712	139.449	259.197	3.832	3.796	3.798	3.829	3.834	3.858	33.084	-2.660	-32.710
0.955	116.586											
2383.500	94.628	141.167	266.806	3.719	3.687	3.689	3.718	3.724	3.748	33.025	-2.586	-24.937
0.951	116.543											
2384.000	94.060	143.646	267.695	3.709	3.676	3.675	3.705	3.710	3.736	32.627	-2.636	-24.567
0.946	116.560											
2384.500	92.838	145.439	259.089	3.834	3.802	3.796	3.827	3.831	3.860	31.769	-2.854	-30.223
0.942	116.531											
2385.000	90.918	145.300	243.294	4.109	4.054	4.039	4.074	4.076	4.110	30.420	-3.276	-32.922
0.939	116.458											
2385.500	88.420	140.813	222.930	4.519	4.431	4.403	4.442	4.444	4.486	28.666	-3.865	-33.304
0.936	116.407											
2386.000	85.704	131.867	201.752	5.027	4.899	4.858	4.904	4.905	4.957	26.758	-4.661	-36.590
0.937	116.364											
2386.500	83.335	124.070	185.221	5.489	5.335	5.285	5.336	5.338	5.399	25.095	-5.360	-40.772
0.944	116.365											
2387.000	81.860	121.208	178.020	5.685	5.544	5.496	5.548	5.550	5.617	24.059	-5.644	-41.413
0.953	116.391											
2387.500	81.540	121.814	180.263	5.562	5.464	5.430	5.477	5.479	5.547	23.834	-5.503	-39.826
0.955	116.379											
2388.000	82.210	123.201	186.621	5.321	5.268	5.249	5.288	5.292	5.358	24.305	-5.162	-39.670
0.951	116.354											
2388.500	83.362	123.976	192.296	5.145	5.105	5.096	5.128	5.134	5.200	25.114	-4.596	-38.789
0.948	116.328											
2389.000	84.489	125.139	196.674	5.008	4.987	4.982	5.010	5.019	5.085	25.905	-4.094	-33.866
0.945	116.256											
2389.500	85.346	127.420	199.720	4.922	4.910	4.905	4.930	4.941	5.007	26.507	-3.733	-26.540
0.940	116.185											
2390.000	85.898	129.204	201.557	4.875	4.864	4.858	4.883	4.897	4.961	26.895	-3.378	-19.726
0.934	116.183											
2390.500	86.214	129.876	203.176	4.834	4.823	4.815	4.841	4.858	4.922	27.116	-3.072	-14.671
0.928	116.273											
2391.000	86.392	131.279	203.727	4.818	4.806	4.798	4.827	4.846	4.909	27.241	-3.016	-12.430
0.925	116.383											
2391.500	86.427	133.061	201.563	4.865	4.852	4.845	4.879	4.900	4.961	27.266	-3.017	-13.197
0.924	116.385											
2392.000	86.234	132.728	197.864	4.954	4.938	4.932	4.971	4.995	5.054	27.130	-3.140	-13.981
0.923	116.345											
2392.500	85.747	129.944	194.216	5.051	5.029	5.024	5.067	5.090	5.149	26.789	-3.406	-14.243
0.924	116.391											
2393.000	84.930	126.199	189.120	5.194	5.165	5.162	5.208	5.230	5.288	26.215	-3.628	-15.064
0.925	116.412											
2393.500	83.952	122.397	182.023	5.403	5.371	5.369	5.417	5.437	5.494	25.528	-3.861	-16.024
0.928	116.349											
2394.000	83.240	120.414	177.444	5.542	5.518	5.517	5.563	5.581	5.636	25.028	-4.135	-15.576
0.932	116.420											

2394.500	83.167	121.439	179.813	5.457	5.453	5.455	5.495	5.512	5.561	24.977	-4.256	-15.977
0.935	116.610											
2395.000	83.826	124.261	187.724	5.211	5.231	5.236	5.268	5.283	5.327	25.439	-4.284	-19.387
0.937	116.635											
2395.500	84.951	128.147	195.682	4.989	5.025	5.033	5.057	5.071	5.110	26.229	-4.319	-25.566
0.937	116.479											
2396.000	86.002	132.483	199.590	4.893	4.933	4.942	4.962	4.975	5.010	26.968	-4.179	-28.174
0.935	116.348											
2396.500	86.536	134.395	199.293	4.916	4.948	4.954	4.971	4.984	5.018	27.343	-4.193	-22.532
0.932	116.277											
2397.000	86.510	132.964	197.024	4.998	5.013	5.015	5.031	5.043	5.076	27.324	-4.446	-18.609
0.928	116.257											
2397.500	86.190	131.019	195.577	5.063	5.056	5.053	5.069	5.081	5.113	27.100	-4.452	-21.785
0.926	116.260											
2398.000	85.864	129.663	196.960	5.046	5.024	5.017	5.035	5.046	5.077	26.871	-4.317	-24.389
0.929	116.328											
2398.500	85.647	129.056	199.494	4.982	4.961	4.954	4.972	4.983	5.013	26.718	-4.272	-23.969
0.934	116.483											
2399.000	85.357	129.215	198.794	5.001	4.978	4.972	4.991	5.001	5.030	26.515	-3.965	-25.575
0.937	116.597											
2399.500	84.786	129.136	193.343	5.143	5.116	5.112	5.134	5.143	5.172	26.114	-3.832	-24.149
0.939	116.582											
2400.000	84.030	128.145	186.441	5.333	5.303	5.303	5.328	5.335	5.364	25.583	-4.097	-18.425
0.944	116.539											
2400.500	83.425	126.972	182.929	5.414	5.404	5.408	5.433	5.439	5.467	25.158	-4.231	-16.262
0.951	116.518											
2401.000	83.297	126.308	184.694	5.339	5.352	5.359	5.384	5.388	5.414	25.068	-4.286	-18.095
0.954	116.502											
2401.500	83.650	127.492	189.014	5.203	5.230	5.240	5.263	5.266	5.291	25.316	-4.359	-17.547
0.951	116.594											
2402.000	84.123	129.503	191.414	5.136	5.165	5.177	5.199	5.202	5.224	25.648	-4.070	-18.239
0.947	116.792											
2402.500	84.369	129.576	190.441	5.168	5.195	5.207	5.227	5.230	5.251	25.821	-3.816	-26.182
0.945	116.923											
2403.000	84.365	128.034	187.910	5.244	5.270	5.280	5.298	5.301	5.322	25.818	-3.755	-36.205
0.947	116.855											
2403.500	84.335	126.455	187.305	5.264	5.293	5.301	5.316	5.319	5.339	25.797	-3.503	-40.872
0.953	116.627											
2404.000	84.477	125.498	190.924	5.167	5.198	5.203	5.215	5.219	5.238	25.897	-3.160	-41.197
0.958	116.538											
2404.500	84.809	126.346	196.480	5.026	5.056	5.059	5.068	5.072	5.090	26.130	-2.886	-40.437
0.960	116.665											
2405.000	85.194	129.381	199.707	4.956	4.980	4.980	4.986	4.991	5.007	26.400	-2.618	-39.285
0.959	116.712											
2405.500	85.515	131.545	200.724	4.948	4.962	4.958	4.961	4.966	4.982	26.626	-2.608	-37.170
0.957	116.559											
2406.000	85.745	131.164	201.690	4.943	4.943	4.937	4.938	4.943	4.958	26.787	-2.777	-35.630
0.956	116.492											
2406.500	85.868	130.972	201.855	4.941	4.940	4.935	4.936	4.940	4.954	26.874	-2.786	-35.745
0.956	116.606											
2407.000	85.870	131.860	200.511	4.993	4.974	4.969	4.970	4.974	4.987	26.875	-2.835	-36.027
0.952	116.696											
2407.500	85.752	131.597	199.714	5.026	4.994	4.989	4.991	4.994	5.007	26.792	-2.838	-35.159
0.946	116.678											

2408.000	85.559	130.169	200.605	5.011	4.973	4.967	4.971	4.973	4.985	26.657	-2.753	-35.694
0.939	116.703											
2408.500	85.392	130.423	201.589	4.985	4.949	4.941	4.948	4.949	4.961	26.539	-2.943	-37.537
0.932	116.814											
2409.000	85.332	132.077	202.099	4.965	4.936	4.927	4.936	4.936	4.948	26.497	-3.179	-34.944
0.925	116.750											
2409.500	85.388	132.193	203.027	4.929	4.914	4.903	4.914	4.914	4.925	26.536	-3.086	-29.470
0.921	116.506											
2410.000	85.506	130.636	203.621	4.901	4.894	4.887	4.900	4.900	4.911	26.619	-3.055	-29.740
0.921	116.396											
2410.500	85.581	130.378	202.350	4.930	4.922	4.917	4.931	4.931	4.942	26.672	-2.957	-33.210
0.927	116.548											
2411.000	85.503	131.467	199.715	4.996	4.986	4.981	4.996	4.996	5.007	26.617	-2.631	-30.699
0.935	116.700											
2411.500	85.202	131.019	196.967	5.070	5.058	5.051	5.066	5.066	5.077	26.406	-2.518	-25.132
0.943	116.770											
2412.000	84.662	129.114	193.747	5.172	5.146	5.137	5.152	5.152	5.161	26.026	-2.520	-20.688
0.948	116.851											
2412.500	83.938	127.125	189.258	5.312	5.275	5.261	5.275	5.275	5.284	25.518	-2.411	-17.044
0.951	116.821											
2413.000	83.176	124.967	184.729	5.453	5.406	5.393	5.406	5.406	5.413	24.983	-2.454	-15.746
0.952	116.576											
2413.500	82.549	122.573	182.810	5.514	5.465	5.455	5.465	5.465	5.470	24.543	-2.568	-17.476
0.953	116.344											
2414.000	82.190	121.187	184.075	5.474	5.430	5.423	5.430	5.429	5.433	24.291	-2.657	-22.486
0.954	116.359											
2414.500	82.189	120.550	187.083	5.379	5.345	5.342	5.345	5.345	5.345	24.290	-2.876	-33.465
0.958	116.461											
2415.000	82.528	120.570	190.615	5.266	5.246	5.246	5.246	5.246	5.246	24.528	-3.057	-42.263
0.966	116.491											
2415.500	83.087	121.936	193.936	5.164	5.156	5.156	5.156	5.156	5.156	24.921	-3.131	-41.556
0.974	116.490											
2416.000	83.703	123.264	196.364	5.095	5.095	5.093	5.093	5.093	5.093	25.353	-3.180	-34.212
0.976	116.558											
2416.500	84.186	122.847	197.289	5.076	5.075	5.069	5.069	5.069	5.069	25.692	-3.107	-23.093
0.974	116.651											
2417.000	84.406	121.933	196.713	5.101	5.094	5.085	5.085	5.085	5.084	25.847	-2.964	-9.104
0.974	116.719											
2417.500	84.421	123.100	196.289	5.123	5.108	5.097	5.097	5.097	5.095	25.858	-2.941	-0.078
0.979	116.672											
2418.000	84.433	126.043	197.871	5.090	5.070	5.058	5.058	5.058	5.054	25.866	-2.783	-2.264
0.987	116.512											
2418.500	84.566	128.237	200.781	5.023	4.998	4.985	4.985	4.985	4.981	25.959	-2.563	-9.865
0.995	116.335											
2419.000	84.739	128.102	202.854	4.980	4.950	4.935	4.935	4.935	4.930	26.080	-2.501	-13.914
1.001	116.251											
2419.500	84.763	127.309	202.784	4.992	4.955	4.937	4.937	4.937	4.931	26.098	-2.384	-13.611
1.005	116.320											
2420.000	84.558	126.568	200.898	5.047	5.004	4.983	4.983	4.983	4.978	25.953	-2.281	-16.766
1.006	116.395											
2420.500	84.286	126.186	199.964	5.072	5.029	5.006	5.007	5.006	5.001	25.763	-2.378	-18.819
1.008	116.375											
2421.000	84.256	126.365	201.911	5.020	4.979	4.957	4.957	4.957	4.953	25.741	-2.300	-13.527
1.010	116.379											

2421.500	84.607	126.400	204.079	4.959	4.921	4.902	4.902	4.902	4.900	25.988	-2.127	-4.437
1.007	116.354											
2422.000	85.177	125.626	204.338	4.943	4.908	4.894	4.894	4.894	4.894	26.388	-2.061	1.867
1.001	116.249											
2422.500	85.618	125.079	203.693	4.951	4.916	4.909	4.909	4.909	4.909	26.698	-1.905	7.440
0.994	116.324											
2423.000	85.612	124.423	200.807	5.015	4.976	4.970	4.976	4.976	4.980	26.694	-1.815	11.928
0.987	116.587											
2423.500	85.044	122.358	194.015	5.192	5.144	5.131	5.144	5.143	5.154	26.295	-1.983	12.843
0.981	116.700											
2424.000	84.022	119.062	185.271	5.449	5.379	5.359	5.379	5.377	5.398	25.577	-2.114	12.251
0.976	116.581											
2424.500	82.761	115.178	176.992	5.722	5.623	5.595	5.623	5.618	5.650	24.692	-2.336	9.068
0.975	116.420											
2425.000	81.341	112.172	168.875	6.014	5.884	5.848	5.884	5.877	5.922	23.695	-2.708	0.624
0.974	116.415											
2425.500	79.723	109.390	160.095	6.353	6.197	6.153	6.196	6.187	6.246	22.559	-2.948	-11.078
0.973	116.597											
2426.000	78.012	104.455	150.685	6.738	6.574	6.521	6.567	6.560	6.636	21.356	-3.087	-18.142
0.972	116.675											
2426.500	76.540	97.124	142.111	7.102	6.960	6.899	6.947	6.942	7.037	20.323	-3.189	-17.974
0.971	116.578											
2427.000	75.808	92.890	138.801	7.194	7.117	7.050	7.097	7.095	7.205	19.809	-2.920	-14.652
0.974	116.537											
2427.500	76.152	96.278	143.318	6.890	6.890	6.823	6.864	6.867	6.978	20.051	-2.452	-16.352
0.983	116.583											
2428.000	77.388	103.443	150.694	6.540	6.530	6.480	6.516	6.524	6.636	20.918	-1.972	-17.688
0.991	116.595											
2428.500	78.915	107.247	155.487	6.293	6.301	6.268	6.303	6.316	6.431	21.991	-1.481	-9.966
0.994	116.514											
2429.000	80.313	107.153	158.744	6.136	6.148	6.126	6.162	6.181	6.299	22.973	-1.160	0.867
0.995	116.332											
2429.500	81.435	106.594	162.427	5.987	5.989	5.973	6.012	6.036	6.157	23.761	-1.091	5.019
0.994	116.156											
2430.000	82.093	107.267	165.524	5.888	5.864	5.848	5.890	5.919	6.041	24.223	-0.902	8.258
0.991	116.202											
2430.500	82.333	109.520	163.471	5.999	5.934	5.911	5.958	5.991	6.117	24.391	-0.668	11.316
0.988	116.447											
2431.000	82.594	114.453	151.135	6.499	6.418	6.381	6.439	6.481	6.617	24.574	-0.612	8.482
0.984	116.566											
2431.500	83.680	124.304	132.638	7.444	7.306	7.249	7.326	7.384	7.539	25.337	-0.410	5.459
0.984	116.456											
2432.000	86.484	141.070	119.510	8.239	8.100	8.035	8.129	8.200	8.368	27.306	0.015	6.872
0.990	116.290											
2432.500	91.029	162.297	111.556	8.798	8.657	8.615	8.718	8.791	8.964	30.498	0.540	5.442
0.998	116.286											
2433.000	96.182	183.815	100.307	9.550	9.577	9.597	9.706	9.783	9.969	34.116	1.359	-2.251
1.005	116.463											
2433.500	100.493	206.280	83.719	10.996	11.392	11.530	11.652	11.733	11.945	37.144	2.165	
-7.583	1.013	116.710										
2434.000	103.067	230.287	71.130	12.483	13.366	13.641	13.751	13.828	14.059	38.952	2.559	
-7.603	1.026	116.863										
2434.500	103.672	250.515	74.943	11.546	12.634	12.983	13.057	13.135	13.343	39.376	2.786	
-4.198	1.038	116.733										

2435.000	102.585	253.861	101.862	8.426	9.258	9.556	9.593	9.693	9.817	38.613	2.806	1.327
1.040	116.408											
2435.500	100.297	233.182	149.736	5.834	6.317	6.514	6.525	6.616	6.678	37.006	2.474	9.137
1.030	116.228											
2436.000	97.295	198.488	200.785	4.477	4.754	4.878	4.875	4.950	4.980	34.898	2.166	13.858
1.013	116.312											
2436.500	94.312	167.684	234.716	3.936	4.108	4.191	4.181	4.247	4.260	32.803	1.782	12.285
0.994	116.371											
2437.000	91.975	147.941	245.544	3.857	3.968	4.022	4.009	4.071	4.073	31.162	1.323	5.301
0.983	116.307											
2437.500	90.323	137.326	239.958	4.029	4.097	4.130	4.116	4.177	4.167	30.002	1.094	0.006
0.982	116.302											
2438.000	89.027	132.612	226.270	4.332	4.373	4.394	4.379	4.440	4.420	29.092	0.938	-1.046
0.987	116.432											
2438.500	87.926	130.450	211.351	4.656	4.699	4.719	4.704	4.763	4.731	28.319	0.629	-0.015
0.993	116.543											
2439.000	87.311	129.611	208.431	4.694	4.769	4.798	4.781	4.835	4.798	27.887	0.391	1.413
0.998	116.596											
2439.500	87.722	132.288	229.803	4.221	4.331	4.364	4.351	4.394	4.352	28.176	0.117	3.359
1.002	116.711											
2440.000	89.379	138.609	267.534	3.614	3.728	3.762	3.750	3.781	3.738	29.339	-0.121	7.136
0.996	116.847											
2440.500	91.775	145.967	295.452	3.286	3.388	3.421	3.405	3.428	3.385	31.021	0.015	10.322
0.982	116.708											
2441.000	94.013	152.104	302.761	3.235	3.322	3.351	3.330	3.349	3.303	32.593	0.164	9.497
0.967	116.310											
2441.500	95.440	155.843	301.978	3.277	3.342	3.369	3.343	3.360	3.311	33.596	0.087	5.559
0.953	116.172											
2442.000	95.982	156.577	309.261	3.227	3.274	3.295	3.271	3.282	3.234	33.976	0.122	0.758
0.945	116.390											
2442.500	96.019	156.027	325.256	3.084	3.118	3.136	3.115	3.122	3.074	34.002	0.066	-4.659
0.949	116.480											
2443.000	96.012	155.796	340.983	2.945	2.973	2.991	2.974	2.978	2.933	33.997	-0.020	-6.248
0.964	116.337											
2443.500	96.210	155.118	352.130	2.851	2.876	2.896	2.883	2.884	2.840	34.136	0.132	-0.122
0.981	116.345											
2444.000	96.688	154.310	357.403	2.814	2.833	2.852	2.843	2.841	2.798	34.472	0.260	8.159
0.987	116.575											
2444.500	97.313	154.584	353.115	2.864	2.871	2.883	2.879	2.874	2.832	34.911	0.284	12.019
0.983	116.726											
2445.000	97.125	154.935	333.999	3.068	3.043	3.046	3.045	3.038	2.994	34.779	0.538	12.970
0.979	116.682											
2445.500	94.485	151.641	292.301	3.574	3.493	3.483	3.487	3.475	3.421	32.925	0.654	14.727
0.981	116.586											
2446.000	88.632	139.519	225.796	4.735	4.551	4.521	4.534	4.512	4.429	28.815	0.715	16.543
0.990	116.631											
2446.500	81.020	117.666	164.995	6.629	6.279	6.219	6.244	6.201	6.061	23.469	1.057	14.633
1.008	116.761											
2447.000	75.071	98.246	150.474	7.081	6.843	6.812	6.842	6.792	6.646	19.291	1.545	12.875
1.031	116.855											
2447.500	73.882	97.812	189.160	5.325	5.345	5.359	5.377	5.357	5.287	18.457	2.225	16.839
1.030	116.864											
2448.000	77.631	115.150	246.193	3.985	4.065	4.104	4.114	4.101	4.062	21.089	3.114	20.534
0.995	116.722											

2448.500	83.504	134.310	270.968	3.569	3.668	3.719	3.726	3.717	3.690	25.213	3.672	13.600
0.954	116.371											
2449.000	88.214	145.621	271.188	3.550	3.652	3.706	3.711	3.706	3.687	28.521	3.914	1.687
0.929	116.118											
2449.500	90.384	149.574	274.915	3.508	3.598	3.646	3.651	3.649	3.637	30.045	3.903	-3.119
0.919	116.269											
2450.000	90.751	149.633	288.995	3.352	3.417	3.461	3.465	3.467	3.460	30.303	3.069	-3.172
0.913	116.577											
2450.500	90.787	149.217	301.678	3.216	3.261	3.302	3.315	3.319	3.315	30.328	1.146	-7.031
0.911	116.671											
2451.000	91.214	149.709	306.881	3.146	3.185	3.229	3.253	3.259	3.259	30.628	-1.562	-12.972
0.912	116.564											
2451.500	91.850	149.267	306.890	3.116	3.158	3.212	3.248	3.256	3.258	31.075	-5.026	-13.258
0.914	116.547											
2452.000	92.436	148.007	303.845	3.111	3.162	3.227	3.277	3.285	3.291	31.486	-8.905	-11.443
0.915	116.675											
2452.500	92.953	147.345	299.742	3.118	3.180	3.256	3.320	3.327	3.336	31.849	-12.415	-9.750
0.911	116.766											
2453.000	93.438	147.667	295.414	3.132	3.206	3.290	3.368	3.373	3.385	32.190	-15.433	-4.491
0.903	116.762											
2453.500	93.547	148.843	285.512	3.217	3.301	3.393	3.485	3.487	3.502	32.266	-17.821	1.851
0.891	116.825											
2454.000	92.324	150.198	261.008	3.511	3.602	3.704	3.814	3.811	3.831	31.407	-19.634	2.776
0.875	116.882											
2454.500	88.691	147.480	218.899	4.210	4.300	4.414	4.552	4.540	4.568	28.856	-21.705	3.118
0.860	116.791											
2455.000	82.293	136.387	166.299	5.629	5.693	5.820	5.997	5.970	6.013	24.363	-25.242	7.485
0.850	116.635											
2455.500	74.139	114.668	117.615	8.219	8.156	8.278	8.490	8.452	8.502	18.637	-31.101	9.704
0.849	116.473											
2456.000	66.217	84.434	82.522	12.140	11.850	11.868	12.124	12.069	12.118	13.074	-39.184	
3.601	0.862	116.370										
2456.500	60.137	55.035	61.416	17.606	16.267	16.208	16.349	16.225	16.282	8.804	-47.904	
-1.282	0.884	116.366										
2457.000	56.259	36.488	50.902	23.631	21.007	19.662	19.785	19.392	19.646	6.081	-55.996	
4.505	0.907	116.344										
2457.500	54.075	28.654	51.785	26.197	22.689	20.281	19.530	19.049	19.311	4.547	-62.646	
9.109	0.917	116.222										
2458.000	53.069	25.399	65.589	22.129	18.877	16.554	15.470	15.120	15.247	3.841	-67.480	
3.164	0.912	116.183										
2458.500	53.126	24.509	92.912	15.971	13.370	11.766	10.944	10.721	10.763	3.881	-71.386	
-2.829	0.903	116.305										
2459.000	54.272	27.219	129.180	11.721	9.555	8.446	7.875	7.734	7.741	4.685	-74.904	-0.682
0.903	116.482											
2459.500	56.107	33.247	162.982	9.617	7.583	6.689	6.244	6.142	6.136	5.974	-77.676	2.087
0.922	116.553											
2460.000	57.804	40.626	186.835	8.853	6.690	5.847	5.452	5.366	5.352	7.166	-79.776	-0.795
0.949	116.588											
2460.500	58.752	46.998	200.961	8.806	6.331	5.461	5.076	4.995	4.976	7.832	-81.197	-5.521
0.973	116.752											
2461.000	58.829	49.668	210.592	8.960	6.144	5.234	4.851	4.771	4.749	7.885	-81.774	-8.745
0.992	116.981											
2461.500	58.275	46.996	219.394	9.026	5.966	5.039	4.662	4.583	4.558	7.496	-81.842	-12.759
1.006	117.033											



2462.000	57.514	41.136	225.495	9.159	5.863	4.917	4.541	4.461	4.435	6.962	-81.634	-15.175
1.016	116.813											
2462.500	56.884	35.813	226.897	9.552	5.903	4.909	4.524	4.434	4.407	6.520	-80.888	-13.338
1.026	116.547											
2463.000	56.528	33.450	226.076	10.011	5.998	4.948	4.551	4.449	4.423	6.270	-79.752	-12.846
1.027	116.451											
2463.500	56.432	34.158	225.432	10.291	6.062	4.976	4.571	4.459	4.436	6.203	-78.352	-15.200
1.007	116.560											
2464.000	56.410	36.090	221.659	10.636	6.204	5.071	4.653	4.529	4.511	6.187	-76.632	-12.108
0.977	116.686											
2464.500	56.195	36.829	211.475	11.369	6.566	5.330	4.882	4.740	4.729	6.036	-74.613	-2.321
0.953	116.712											
2465.000	55.659	35.292	194.490	12.608	7.233	5.816	5.311	5.142	5.142	5.659	-72.270	2.468
0.934	116.567											
2465.500	54.816	32.522	170.379	14.788	8.414	6.672	6.063	5.849	5.869	5.068	-69.349	-1.355
0.915	116.435											
2466.000	53.770	31.056	140.188	18.913	10.542	8.173	7.365	7.072	7.133	4.333	-65.905	-4.676
0.902	116.500											
2466.500	52.757	35.064	108.336	26.325	14.204	10.670	9.505	9.075	9.231	3.622	-61.978	
-1.156	0.897	116.665										
2467.000	52.029	42.913	79.835	38.406	20.105	14.558	12.795	12.155	12.526	3.110	-57.635	
4.189	0.894	116.686										
2467.500	51.732	46.575	57.286	53.817	28.578	20.105	17.610	16.603	17.456	2.902	-53.380	
6.663	0.893	116.627										
2468.000	51.876	43.436	41.463	63.740	38.289	27.042	24.118	22.617	24.118	3.003	-49.542	
7.815	0.897	116.602										
2468.500	52.274	38.822	30.647	62.156	46.424	34.524	32.260	30.392	32.630	3.282	-46.021	
8.119	0.903	116.627										
2469.000	52.662	35.973	23.400	53.126	49.897	41.147	41.147	39.476	42.736	3.555	-42.905	
6.793	0.910	116.665										
2469.500	52.796	35.495	20.341	47.772	47.012	47.772	47.772	47.772	49.163	3.649	-39.963	
3.007	0.914	116.622										
2470.000	52.686	37.453	21.209	42.552	47.726	47.834	47.704	47.073	47.150	3.572	-36.906	
3.051	0.918	116.581										
2470.500	53.150	40.623	26.841	30.477	35.290	35.914	36.164	36.304	37.256	3.898	-33.823	
6.631	0.928	116.694										
2471.000	55.712	46.683	44.404	17.291	19.857	20.612	21.057	21.465	22.520	5.697	-30.739	
3.667	0.942	116.847										
2471.500	61.064	60.702	82.089	9.285	10.388	10.821	11.152	11.494	12.182	9.455	-27.483	
-3.621	0.951	116.728										
2472.000	67.789	81.731	126.988	6.160	6.682	6.933	7.171	7.426	7.875	14.178	-24.413	-1.508
0.943	116.394											
2472.500	72.909	97.763	143.941	5.645	5.936	6.112	6.334	6.575	6.947	17.773	-21.872	4.961
0.924	116.235											
2473.000	74.034	96.771	121.049	7.001	7.157	7.302	7.572	7.852	8.261	18.563	-20.146	-0.485
0.919	116.319											
2473.500	71.717	82.548	89.915	9.688	9.761	9.907	10.279	10.627	11.122	16.936	-19.293	
-11.842	0.937	116.315										
2474.000	69.127	71.691	90.208	9.770	9.814	9.941	10.318	10.649	11.085	15.117	-19.124	
-15.924	0.955	116.138										
2474.500	69.079	73.586	118.447	7.412	7.501	7.617	7.905	8.155	8.443	15.084	-18.985	-14.627
0.954	115.986											
2475.000	71.834	84.211	148.293	5.911	6.010	6.129	6.356	6.548	6.743	17.018	-18.806	-13.898
0.941	115.983											

2475.500	75.543	94.570	161.743	5.437	5.541	5.668	5.868	6.031	6.183	19.623	-18.581	-11.842
0.930	116.159											
2476.000	78.273	100.066	162.467	5.476	5.568	5.694	5.881	6.028	6.155	21.540	-18.481	-8.961
0.925	116.307											
2476.500	79.586	102.384	161.667	5.603	5.662	5.771	5.946	6.078	6.186	22.462	-18.590	-8.397
0.925	116.197											
2477.000	80.361	104.225	166.227	5.557	5.575	5.655	5.811	5.928	6.016	23.006	-18.731	-6.071
0.929	115.972											
2477.500	81.268	104.987	175.189	5.356	5.347	5.399	5.536	5.637	5.708	23.643	-18.429	-1.392
0.929	115.909											
2478.000	82.076	104.007	183.002	5.172	5.158	5.193	5.317	5.406	5.464	24.211	-17.896	3.564
0.926	116.167											
2478.500	82.045	102.421	181.989	5.220	5.211	5.241	5.360	5.444	5.495	24.189	-17.367	5.895
0.924	116.620											
2479.000	80.672	98.323	166.714	5.697	5.701	5.739	5.865	5.950	5.998	23.225	-16.987	5.323
0.922	116.805											
2479.500	78.346	89.681	142.380	6.639	6.680	6.740	6.881	6.973	7.023	21.591	-16.907	5.211
0.924	116.565											
2480.000	76.314	80.516	129.193	7.262	7.360	7.448	7.596	7.690	7.740	20.165	-16.952	9.770
0.937	116.257											
2480.500	75.970	77.664	141.238	6.550	6.715	6.826	6.953	7.041	7.080	19.923	-16.899	11.790
0.954	116.228											
2481.000	77.914	84.880	173.281	5.274	5.460	5.573	5.669	5.743	5.771	21.288	-16.828	8.263
0.959	116.333											
2481.500	81.502	98.179	205.262	4.433	4.612	4.716	4.788	4.852	4.872	23.807	-16.589	5.749
0.949	116.266											
2482.000	85.223	109.878	225.761	4.046	4.206	4.298	4.357	4.415	4.429	26.421	-16.157	2.628
0.939	116.109											
2482.500	87.699	117.377	233.274	3.960	4.092	4.169	4.220	4.275	4.287	28.159	-15.806	-6.704
0.935	116.105											
2483.000	88.327	121.012	227.642	4.120	4.219	4.281	4.329	4.383	4.393	28.600	-15.576	
-14.989	0.933	116.123										
2483.500	87.434	119.245	216.099	4.398	4.469	4.518	4.566	4.620	4.628	27.973	-15.608	
-16.963	0.932	116.058										
2484.000	86.070	115.064	210.979	4.541	4.593	4.635	4.682	4.734	4.740	27.015	-16.196	
-17.842	0.935	116.142										
2484.500	85.323	116.257	215.643	4.449	4.500	4.541	4.586	4.634	4.637	26.491	-16.828	
-22.235	0.941	116.298										
2485.000	85.808	124.015	226.933	4.218	4.276	4.322	4.364	4.406	4.407	26.832	-17.257	
-28.021	0.949	116.303										
2485.500	87.447	132.371	240.666	3.969	4.033	4.083	4.120	4.157	4.155	27.983	-17.651	
-35.036	0.954	116.286										
2486.000	89.590	136.381	251.152	3.808	3.869	3.920	3.954	3.985	3.982	29.487	-17.826	
-46.438	0.955	116.379										
2486.500	91.509	137.440	256.378	3.746	3.799	3.848	3.879	3.906	3.900	30.835	-17.844	
-58.508	0.954	116.498										
2487.000	92.889	139.231	259.420	3.724	3.765	3.809	3.838	3.862	3.855	31.804	-18.007	
-62.176	0.954	116.653										
2487.500	93.858	141.191	263.139	3.694	3.722	3.760	3.789	3.808	3.800	32.485	-17.956	
-51.453	0.953	116.737										
2488.000	94.602	142.233	266.922	3.660	3.676	3.710	3.739	3.755	3.746	33.007	-17.830	
-36.699	0.950	116.674										
2488.500	95.140	143.227	267.711	3.665	3.668	3.699	3.731	3.745	3.735	33.385	-18.187	
-28.422	0.948	116.623										

2489.000	95.301	144.304	262.065	3.763	3.748	3.778	3.812	3.825	3.816	33.498	-18.786	
-25.848	0.948	116.664										
2489.500	94.993	143.684	247.748	4.003	3.966	3.994	4.032	4.046	4.036	33.281	-19.446	
-18.595	0.950	116.702										
2490.000	94.545	143.280	226.086	4.413	4.347	4.374	4.418	4.432	4.423	32.967	-20.059	0.357
0.954	116.702											
2490.500	94.635	148.113	202.186	4.937	4.862	4.887	4.938	4.953	4.946	33.030	-20.054	
18.796	0.960	116.563										
2491.000	95.918	160.278	178.947	5.584	5.493	5.519	5.578	5.593	5.588	33.931	-19.673	
24.951	0.969	116.318										
2491.500	98.527	179.739	152.858	6.539	6.424	6.463	6.529	6.543	6.542	35.764	-19.383	
21.035	0.980	116.255										
2492.000	101.668	207.489	124.437	7.917	7.899	7.962	8.024	8.033	8.036	37.969	-18.992	
18.229	0.996	116.362										
2492.500	103.821	238.493	108.052	8.913	9.110	9.204	9.249	9.249	9.255	39.481	-18.633	
11.358	1.018	116.303										
2493.000	103.602	252.702	117.080	8.001	8.392	8.513	8.539	8.535	8.541	39.327	-18.624	
0.803	1.034	116.126										
2493.500	100.706	233.480	148.003	6.243	6.630	6.744	6.744	6.754	6.757	37.294	-18.726	
-15.982	1.029	116.101										
2494.000	96.246	189.310	181.498	5.130	5.431	5.507	5.493	5.512	5.510	34.161	-19.096	
-34.279	1.008	116.092										
2494.500	92.016	147.835	208.056	4.543	4.764	4.809	4.789	4.812	4.806	31.191	-19.664	
-44.343	0.990	115.982										
2495.000	89.325	126.107	230.726	4.165	4.317	4.343	4.317	4.341	4.334	29.301	-19.845	
-44.080	0.978	115.935										
2495.500	88.353	121.247	246.323	3.959	4.058	4.072	4.045	4.070	4.060	28.619	-19.766	
-43.234	0.965	116.046										
2496.000	88.439	121.676	253.925	3.873	3.941	3.951	3.927	3.953	3.938	28.679	-19.716	
-39.531	0.953	116.096										
2496.500	88.809	121.740	264.099	3.725	3.784	3.797	3.779	3.805	3.786	28.939	-19.592	
-29.373	0.948	116.080										
2497.000	89.082	121.483	285.526	3.430	3.492	3.510	3.499	3.523	3.502	29.131	-19.538	
-19.958	0.948	116.105										
2497.500	89.277	121.737	314.920	3.097	3.159	3.183	3.176	3.198	3.175	29.268	-19.559	
-20.938	0.949	116.143										
2498.000	89.488	122.329	339.666	2.876	2.928	2.952	2.949	2.967	2.944	29.416	-19.321	
-24.062	0.949	116.105										
2498.500	89.775	122.321	344.778	2.862	2.891	2.910	2.910	2.924	2.900	29.618	-19.211	
-21.348	0.947	116.080										
2499.000	90.184	121.466	320.957	3.127	3.122	3.128	3.128	3.141	3.116	29.904	-19.452	
-19.224	0.949	116.105										
2499.500	90.711	122.325	275.130	3.723	3.659	3.654	3.655	3.666	3.635	30.274	-19.757	
-21.640	0.958	116.156										
2500.000	91.299	129.861	230.572	4.539	4.398	4.371	4.374	4.380	4.337	30.687	-20.116	
-18.641	0.974	116.246										
2500.500	91.756	141.728	203.933	5.189	5.000	4.958	4.958	4.956	4.904	31.008	-20.404	-9.938
0.989	116.316											
2501.000	91.802	146.242	195.188	5.374	5.225	5.193	5.188	5.177	5.123	31.040	-20.369	-3.144
0.995	116.358											
2501.500	91.310	137.525	199.432	5.144	5.093	5.091	5.079	5.062	5.014	30.695	-20.339	-2.504
0.995	116.430											
2502.000	90.394	123.685	213.246	4.723	4.738	4.762	4.745	4.727	4.689	30.052	-20.388	-6.163
0.988	116.514											

2502.500	89.333	115.574	230.095	4.318	4.379	4.417	4.394	4.379	4.346	29.307	-20.235	-8.541
0.975	116.489											
2503.000	88.487	114.551	240.356	4.115	4.190	4.230	4.202	4.190	4.161	28.713	-20.169	
-11.690	0.958	116.307										
2503.500	88.133	115.675	241.555	4.104	4.167	4.207	4.175	4.166	4.140	28.464	-20.079	
-16.958	0.945	116.146										
2504.000	88.368	117.006	242.640	4.108	4.152	4.184	4.151	4.144	4.121	28.629	-19.739	
-14.953	0.938	116.138										
2504.500	89.109	119.855	251.521	3.989	4.009	4.029	4.000	3.994	3.976	29.150	-19.409	-5.547
0.933	116.209											
2505.000	89.947	122.975	260.988	3.856	3.863	3.874	3.850	3.846	3.832	29.738	-19.166	-0.377
0.926	116.324											
2505.500	90.089	123.942	258.052	3.927	3.907	3.909	3.891	3.888	3.875	29.838	-18.940	0.244
0.920	116.442											
2506.000	88.831	122.354	236.882	4.311	4.259	4.254	4.238	4.235	4.222	28.955	-19.064	2.297
0.917	116.422											
2506.500	86.158	117.729	202.500	5.079	4.987	4.976	4.960	4.956	4.938	27.078	-19.380	3.571
0.922	116.312											
2507.000	82.951	111.130	172.744	5.976	5.853	5.838	5.822	5.814	5.789	24.825	-19.536	-0.698
0.933	116.260											
2507.500	80.557	107.001	163.370	6.276	6.186	6.181	6.164	6.152	6.121	23.144	-19.694	-9.037
0.939	116.256											
2508.000	79.883	108.226	174.804	5.783	5.768	5.783	5.765	5.752	5.721	22.671	-19.883	
-13.587	0.934	116.277										
2508.500	80.810	113.337	195.971	5.132	5.140	5.165	5.145	5.133	5.103	23.322	-20.038	
-15.568	0.926	116.344										
2509.000	82.478	120.559	213.259	4.699	4.731	4.759	4.733	4.720	4.689	24.493	-20.227	
-23.725	0.923	116.391										
2509.500	83.981	126.582	219.604	4.574	4.607	4.630	4.600	4.586	4.554	25.548	-20.326	
-38.212	0.926	116.375										
2510.000	84.849	128.464	215.745	4.671	4.707	4.721	4.687	4.671	4.635	26.158	-20.218	
-51.130	0.934	116.287										
2510.500	85.169	128.723	208.233	4.876	4.897	4.899	4.861	4.844	4.802	26.383	-20.212	
-53.810	0.937	116.177										
2511.000	85.286	130.722	203.557	5.013	5.021	5.017	4.978	4.958	4.913	26.465	-20.381	
-44.378	0.919	116.177										
2511.500	85.493	132.690	202.883	5.029	5.035	5.033	4.996	4.975	4.929	26.610	-20.592	
-29.812	0.883	116.287										
2512.000	85.935	134.075	204.210	4.977	4.989	4.997	4.964	4.942	4.897	26.921	-20.853	
-17.685	0.855	116.375										
2512.500	86.604	137.095	205.338	4.921	4.944	4.965	4.937	4.914	4.870	27.391	-20.855	
-12.545	0.865	116.395										
2513.000	87.389	140.199	205.950	4.898	4.915	4.946	4.921	4.898	4.856	27.942	-20.641	
-15.962	0.905	116.395										
2513.500	88.162	141.783	208.831	4.813	4.837	4.873	4.851	4.828	4.789	28.484	-20.450	
-22.457	0.933	116.395										
2514.000	88.865	143.010	216.953	4.629	4.654	4.686	4.666	4.642	4.609	28.978	-20.302	
-25.135	0.920	116.391										
2514.500	89.488	143.258	227.344	4.427	4.442	4.466	4.449	4.424	4.399	29.416	-20.187	
-24.047	0.888	116.336										
2515.000	89.923	141.434	232.187	4.345	4.351	4.366	4.350	4.325	4.307	29.721	-20.156	
-21.940	0.877	116.150										
2515.500	89.884	140.235	227.751	4.460	4.438	4.444	4.432	4.404	4.391	29.693	-19.996	
-19.345	0.896	115.880										

2516.000	89.004	140.668	215.604	4.739	4.689	4.688	4.678	4.645	4.638	29.076	-19.858
-16.476	0.925	115.770									
2516.500	87.190	138.948	198.243	5.164	5.091	5.088	5.084	5.043	5.044	27.802	-19.972
-16.989	0.942	115.931									
2517.000	85.037	133.801	182.783	5.572	5.500	5.502	5.507	5.457	5.471	26.290	-20.091
-23.926	0.951	116.110									
2517.500	83.660	129.233	179.488	5.604	5.573	5.584	5.599	5.545	5.571	25.323	-20.150
-28.024	0.953	116.042									
2518.000	83.806	129.749	190.977	5.236	5.236	5.239	5.260	5.208	5.236	25.426	-20.051
-21.497	0.944	115.829									
2518.500	84.760	134.967	204.426	4.861	4.879	4.886	4.909	4.854	4.892	26.095	-19.476
-12.483	0.929	115.689									
2519.000	84.430	137.013	201.642	4.942	4.938	4.944	4.968	4.911	4.959	25.864	-18.718
0.916	115.669										-8.051
2519.500	81.082	127.702	172.007	5.839	5.789	5.789	5.813	5.745	5.814	23.513	-18.379
0.899	115.741										-6.526
2520.000	75.273	107.508	122.825	8.319	8.086	8.085	8.122	7.998	8.142	19.434	-18.446
0.893	115.936										-5.923
2520.500	70.253	89.532	86.860	11.961	11.393	11.377	11.441	11.221	11.513	15.908	-19.102
-7.370	0.928	116.182									
2521.000	70.005	94.948	77.762	13.221	12.708	12.682	12.738	12.510	12.860	15.734	-20.137
-5.064	0.974	116.227									
2521.500	76.162	141.625	79.365	12.657	12.463	12.444	12.457	12.295	12.600	20.057	-21.058
-0.144	0.972	116.019									
2522.000	86.069	230.702	67.115	14.724	14.706	14.718	14.698	14.532	14.900	27.015	-22.031
-0.966	0.934	115.884									
2522.500	94.057	340.452	47.312	20.973	20.834	20.936	20.835	20.672	21.136	32.624	-23.516
-7.053	0.913	115.927									
2523.000	95.055	415.316	35.675	28.084	28.022	27.913	27.674	27.663	28.030	33.325	-25.572
-7.147	0.918	115.933									
2523.500	87.741	389.044	30.615	32.792	32.779	32.620	32.348	32.562	32.664	28.189	-28.622
0.351	0.925	115.806									
2524.000	75.380	263.934	24.456	41.381	41.381	41.253	40.771	41.348	40.890	19.509	-32.631
8.275	0.942	115.768									
2524.500	63.412	126.742	19.053	53.605	53.605	53.605	52.968	53.605	52.484	11.104	-37.053
14.856	0.978	115.945									
2525.000	55.734	49.348	19.244	52.761	52.761	52.761	52.611	52.761	51.964	5.712	-41.497
19.615	1.013	116.215									
2525.500	52.849	27.054	24.504	40.837	40.837	40.837	40.837	40.837	40.810	3.686	-45.622
16.669	1.026	116.371									
2526.000	52.669	24.928	27.753	36.011	36.011	36.011	36.011	36.011	36.032	3.560	-48.894
6.187	1.018	116.395									
2526.500	52.695	25.427	23.881	41.861	41.861	41.861	41.861	41.861	41.874	3.578	-51.288
-2.379	1.008	116.387									
2527.000	51.846	25.267	15.142	66.043	66.043	66.043	66.043	66.043	66.043	2.982	-52.855
-4.973	1.011	116.293									
2527.500	50.641	24.682	9.418	106.182	106.182	106.182	106.182	106.182	106.182	2.135	-53.452
-5.326	1.024	116.158									
2528.000	49.899	24.039	7.573	132.050	132.050	132.050	132.050	132.050	132.050	1.615	-53.169
-6.878	1.032	116.158									
2528.500	49.864	23.849	8.151	122.687	122.687	122.687	122.687	122.687	122.687	1.590	-52.305
-6.799	1.028	116.243									
2529.000	50.320	24.914	9.622	104.095	104.095	104.095	104.095	104.095	103.929	1.910	-50.568
-0.536	1.019	116.105									

2529.500	50.859	27.568	10.675	93.878	93.878	93.878	93.878	93.878	93.675	2.288	-48.288
7.072	1.014	115.797									
2530.000	51.156	30.947	11.425	87.646	87.646	87.646	87.646	87.646	87.524	2.497	-45.900
8.000	1.016	115.564									
2530.500	51.132	34.196	11.751	85.188	85.188	85.188	85.188	85.188	85.097	2.480	-43.695
4.940	1.019	115.506									
2531.000	50.831	35.642	10.480	95.513	95.513	95.513	95.513	95.513	95.420	2.269	-42.114
2.444	1.024	115.575									
2531.500	50.466	33.240	8.067	124.036	124.036	124.036	124.036	124.036	123.954	2.012	-41.362
-1.550	1.029	115.681									
2532.000	50.407	29.004	8.214	121.965	121.965	121.965	121.965	121.965	121.750	1.971	-40.725
-4.604	1.030	115.753									
2532.500	50.868	28.638	12.564	80.222	79.974	80.222	80.108	79.994	79.594	2.295	-40.141
-1.470	1.029	115.917									
2533.000	51.678	32.438	18.348	53.769	54.158	53.975	54.174	54.286	54.503	2.864	-39.616
2.280	1.028	116.178									
2533.500	52.417	35.190	20.121	48.800	49.281	49.177	49.377	49.507	49.699	3.383	-39.014
-3.638	1.028	116.354									
2534.000	52.741	34.741	18.072	55.229	55.342	55.322	55.340	55.338	55.335	3.611	-38.652
-14.451	1.032	116.391									
2534.500	52.654	33.125	15.897	64.134	63.534	63.715	63.460	63.164	62.904	3.549	-38.494
-18.637	1.038	116.344									
2535.000	52.598	32.077	16.125	63.210	62.620	63.060	62.723	62.323	62.016	3.510	-38.066
-16.815	1.040	116.277									
2535.500	53.116	32.686	19.434	51.771	51.678	51.771	51.771	51.602	51.455	3.874	-37.341
-14.534	1.039	116.273									
2536.000	54.340	35.057	25.928	38.578	38.578	38.578	38.578	38.576	38.568	4.733	-36.459
-9.799	1.040	116.285									
2536.500	55.926	38.249	34.032	29.380	29.380	29.380	29.380	29.382	29.384	5.847	-35.394
-1.269	1.044	116.166									
2537.000	57.235	41.017	39.767	25.140	25.140	25.140	25.140	25.145	25.146	6.766	-34.568
6.785	1.047	115.989									
2537.500	57.688	42.280	40.601	24.625	24.625	24.625	24.625	24.630	24.630	7.084	-34.049
10.917	1.046	115.989									
2538.000	57.293	42.080	38.735	25.822	25.822	25.822	25.822	25.816	25.816	6.807	-33.501
11.799	1.039	116.162									
2538.500	56.639	41.851	38.540	25.969	25.969	25.908	25.962	25.945	25.947	6.348	-32.952
6.938	1.031	116.234									
2539.000	56.495	43.239	41.598	24.040	24.040	23.748	24.035	23.978	24.040	6.247	-32.538
-4.635	1.030	116.105									
2539.500	57.342	46.670	48.077	20.671	20.365	20.285	20.682	20.692	20.800	6.841	-32.244
-13.142	1.034	115.859									
2540.000	58.943	51.697	56.398	17.091	16.972	17.059	17.525	17.621	17.731	7.965	-32.334
-12.949	1.035	115.666									
2540.500	60.487	56.205	62.152	15.185	15.179	15.344	15.833	15.960	16.090	9.050	-32.731
-11.511	1.027	115.626									
2541.000	61.248	57.695	61.376	15.319	15.331	15.492	16.001	16.118	16.293	9.585	-33.437
-12.448	1.013	115.685									
2541.500	60.989	56.203	53.582	17.688	17.715	17.805	18.348	18.413	18.663	9.403	-34.767
-12.570	1.005	115.749									
2542.000	59.912	55.627	42.915	22.276	22.508	22.461	23.025	22.962	23.302	8.646	-36.562
-13.768	1.008	115.866									
2542.500	58.363	59.749	33.290	28.648	29.631	29.421	29.965	29.575	30.039	7.558	-38.788
-16.871	1.017	116.059									

2543.000	56.549	66.050	25.346	37.054	39.689	39.367	39.995	38.748	39.453	6.284	-41.699
-17.994	1.026	116.235									
2543.500	54.692	67.065	22.846	40.741	44.121	43.823	44.372	42.778	43.772	4.980	-45.008
-17.448	1.034	116.315									
2544.000	53.383	60.456	32.948	27.325	29.548	29.673	30.011	29.784	30.351	4.061	-48.617
-20.141	1.036	116.197									
2544.500	53.385	51.136	64.711	13.631	14.680	14.879	15.030	15.226	15.453	4.063	-52.611
-26.389	1.028	115.968									
2545.000	55.037	44.136	127.844	7.098	7.450	7.529	7.580	7.728	7.822	5.223	-56.238
1.019	115.849										-30.651
2545.500	57.895	41.775	198.470	4.710	4.821	4.848	4.880	4.985	5.039	7.230	-59.007
1.022	115.909										-30.255
2546.000	60.744	43.691	235.341	4.094	4.097	4.090	4.122	4.210	4.249	9.231	-60.654
1.034	115.955										-28.161
2546.500	62.311	47.401	217.957	4.561	4.493	4.453	4.486	4.555	4.588	10.330	-60.588
1.039	115.876										-26.739
2547.000	62.067	50.369	154.383	6.704	6.385	6.246	6.338	6.434	6.477	10.159	-59.110
1.034	115.881										-23.741
2547.500	60.302	51.213	84.350	12.922	11.608	11.114	11.538	11.756	11.855	8.920	-57.156
-14.115	1.033	116.015									
2548.000	57.895	49.359	44.756	27.231	21.759	20.205	21.826	22.106	22.343	7.230	-55.267
-3.854	1.041	116.105									
2548.500	55.854	45.895	27.568	45.795	35.312	32.549	35.610	35.788	36.273	5.796	-53.942
-2.316	1.048	116.082									
2549.000	54.733	42.516	21.226	49.436	45.493	44.901	46.875	46.244	47.111	5.009	-53.207
-3.728	1.046	115.990									
2549.500	54.475	39.382	18.820	57.839	53.351	55.566	54.158	53.273	53.134	4.828	-52.289
-0.199	1.037	115.767									
2550.000	54.582	37.246	16.506	56.601	61.817	64.435	61.454	60.723	60.582	4.903	-51.100
1.538	1.030	115.615									
2550.500	54.423	37.378	15.455	54.862	68.113	67.931	65.575	64.851	64.703	4.792	-49.547
-3.703	1.026	115.683									
2551.000	53.534	37.305	14.764	55.577	73.899	71.747	69.172	67.980	67.734	4.167	-47.273
-5.768	1.021	115.756									
2551.500	51.953	33.549	14.353	58.075	77.793	75.181	72.435	70.105	69.671	3.057	-44.242
-1.767	1.016	115.718									
2552.000	50.542	27.894	17.343	48.620	62.003	61.499	60.347	57.797	57.659	2.066	-40.601
-4.865	1.013	115.651									
2552.500	50.879	26.449	28.783	28.533	34.777	35.312	35.173	34.362	34.743	2.303	-36.310
-15.662	1.017	115.647									
2553.000	54.517	33.232	55.884	14.661	17.236	17.638	17.604	17.788	17.894	4.858	-31.856
-17.487	1.024	115.662									
2553.500	61.794	50.203	103.673	8.142	9.193	9.419	9.406	9.616	9.646	9.967	-27.413
1.028	115.611										-8.933
2554.000	71.257	77.591	162.297	5.418	5.885	6.008	6.003	6.156	6.162	16.613	-23.046
1.021	115.607										-6.102
2554.500	80.370	107.992	209.466	4.353	4.584	4.657	4.660	4.779	4.774	23.013	-19.181
-10.579	1.005	115.737									
2555.000	87.031	128.850	234.269	4.016	4.126	4.168	4.180	4.281	4.269	27.690	-16.171
0.988	115.822										-9.690
2555.500	90.668	136.083	241.149	3.996	4.033	4.053	4.076	4.166	4.147	30.244	-13.914
0.974	115.774										-2.876
2556.000	92.068	136.408	240.943	4.062	4.051	4.059	4.095	4.176	4.150	31.228	-12.558
0.961	115.706										-0.461

2556.500	92.454	135.502	239.641	4.118	4.076	4.082	4.132	4.205	4.173	31.499	-11.892	-4.492
0.952	115.624											
2557.000	92.603	134.606	237.665	4.165	4.104	4.117	4.182	4.246	4.208	31.603	-11.657	-9.926
0.949	115.569											
2557.500	92.665	134.019	234.425	4.226	4.152	4.176	4.255	4.308	4.266	31.647	-11.924	
-12.945	0.948	115.579										
2558.000	92.576	133.385	229.835	4.313	4.228	4.262	4.349	4.397	4.351	31.584	-12.557	
-13.075	0.945	115.610										
2558.500	92.290	133.056	224.235	4.430	4.332	4.371	4.467	4.505	4.460	31.383	-13.091	-9.354
0.944	115.747											
2559.000	91.864	133.330	218.210	4.573	4.460	4.496	4.599	4.625	4.583	31.085	-13.627	-0.451
0.945	115.979											
2559.500	91.736	133.978	207.061	4.845	4.719	4.746	4.853	4.867	4.829	30.994	-14.053	5.116
0.948	116.016											
2560.000	92.761	138.574	179.667	5.645	5.460	5.475	5.597	5.601	5.566	31.714	-14.181	1.988
0.951	115.792											
2560.500	95.616	160.763	131.099	7.809	7.494	7.496	7.671	7.667	7.628	33.719	-14.134	0.058
0.961	115.544											
2561.000	99.449	216.178	78.114	13.127	12.594	12.566	12.866	12.847	12.802	36.411	-13.997	
7.581	0.989	115.430										
2561.500	101.537	293.484	46.362	21.769	21.314	21.235	21.598	21.562	21.570	37.877	-13.711	
12.830	1.030	115.405										
2562.000	99.311	341.947	38.311	25.173	26.023	26.162	25.885	25.943	26.102	36.314	-13.715	
9.358	1.062	115.405										
2562.500	92.766	315.916	48.186	18.439	20.363	20.769	20.712	20.697	20.753	31.718	-14.075	
8.314	1.072	115.518										
2563.000	85.063	230.598	74.811	11.464	12.927	13.314	13.374	13.365	13.367	26.308	-14.529	
18.223	1.066	115.670										
2563.500	80.247	149.757	116.934	7.428	8.250	8.492	8.542	8.552	8.552	22.926	-14.961	
25.203	1.051	115.671										
2564.000	80.000	115.828	155.534	5.762	6.246	6.385	6.412	6.430	6.429	22.752	-15.238	
14.687	1.024	115.539										
2564.500	82.709	116.691	175.798	5.275	5.576	5.649	5.660	5.690	5.688	24.655	-15.152	-2.066
0.992	115.485											
2565.000	85.524	123.435	182.397	5.246	5.420	5.442	5.449	5.486	5.483	26.632	-14.974	-8.577
0.968	115.458											
2565.500	86.857	125.939	185.762	5.278	5.352	5.337	5.349	5.390	5.383	27.568	-14.887	-7.391
0.957	115.407											
2566.000	86.834	125.749	188.050	5.295	5.298	5.263	5.286	5.328	5.318	27.552	-14.786	-2.041
0.953	115.407											
2566.500	86.372	123.899	186.764	5.340	5.332	5.290	5.328	5.369	5.354	27.227	-14.772	6.908
0.952	115.479											
2567.000	85.959	121.288	181.883	5.485	5.465	5.424	5.480	5.517	5.498	26.938	-14.842	7.839
0.951	115.573											
2567.500	85.455	118.585	176.121	5.668	5.632	5.597	5.668	5.701	5.678	26.583	-15.073	-2.802
0.950	115.649											
2568.000	84.773	116.431	171.544	5.809	5.775	5.746	5.823	5.855	5.829	26.104	-15.923	-8.261
0.951	115.675											
2568.500	83.993	115.447	167.584	5.951	5.909	5.883	5.963	5.994	5.967	25.557	-17.329	-1.655
0.954	115.570											
2569.000	83.225	114.460	163.084	6.127	6.070	6.047	6.131	6.157	6.132	25.017	-19.233	6.767
0.957	115.385											
2569.500	82.658	112.580	159.752	6.256	6.192	6.171	6.262	6.280	6.260	24.619	-21.560	
11.516	0.959	115.248										



2570.000	82.480	111.594	160.428	6.224	6.161	6.140	6.233	6.244	6.233	24.495	-23.675	
16.141	0.962	115.262										
2570.500	82.811	112.518	164.173	6.072	6.014	5.990	6.082	6.088	6.091	24.727	-25.189	
18.654	0.966	115.370										
2571.000	83.524	115.154	166.005	5.993	5.945	5.910	6.001	6.005	6.024	25.228	-26.227	
17.445	0.966	115.479										
2571.500	83.797	118.599	160.453	6.190	6.156	6.099	6.194	6.194	6.232	25.419	-26.680	
17.822	0.962	115.523										
2572.000	82.149	119.115	142.330	7.028	6.956	6.853	6.971	6.971	7.026	24.262	-26.761	
21.095	0.957	115.349										
2572.500	77.483	111.483	108.389	9.307	9.127	8.932	9.126	9.125	9.226	20.985	-26.923	
20.814	0.954	115.068										
2573.000	70.412	93.941	68.038	14.961	14.455	14.003	14.455	14.455	14.698	16.020	-27.177	
16.763	0.958	114.959										
2573.500	63.456	70.848	47.839	21.380	20.372	19.550	20.372	20.372	20.903	11.135	-27.359	
16.280	0.978	115.077										
2574.000	59.867	55.295	54.752	18.080	18.090	17.416	18.027	18.024	18.264	8.615	-27.399	
17.805	1.002	115.188										
2574.500	61.586	60.336	86.391	10.811	11.209	11.097	11.306	11.358	11.575	9.821	-27.101	
14.675	1.009	115.309										
2575.000	67.929	85.508	125.540	7.288	7.612	7.605	7.723	7.780	7.966	14.276	-26.287	8.633
0.993	115.461											
2575.500	76.377	119.556	160.986	5.661	5.891	5.906	5.988	6.044	6.212	20.209	-25.227	3.819
0.969	115.441											
2576.000	84.045	151.550	186.490	4.928	5.066	5.076	5.145	5.201	5.362	25.593	-24.258	3.239
0.944	115.254											
2576.500	88.957	174.160	193.738	4.825	4.871	4.863	4.933	4.993	5.162	29.043	-23.658	9.452
0.918	115.160											
2577.000	90.659	182.091	183.213	5.206	5.154	5.121	5.198	5.267	5.458	30.238	-23.708	
22.271	0.889	115.204										
2577.500	89.928	175.226	165.569	5.819	5.691	5.623	5.732	5.816	6.040	29.725	-24.164	
33.574	0.863	115.237										
2578.000	88.361	161.524	151.319	6.411	6.202	6.103	6.250	6.350	6.609	28.625	-24.761	
37.936	0.846	115.185										
2578.500	88.020	150.588	138.978	7.000	6.721	6.602	6.793	6.906	7.195	28.385	-25.372	
32.894	0.837	114.958										
2579.000	90.696	141.916	119.384	8.140	7.771	7.630	7.891	8.027	8.376	30.264	-25.772	
22.505	0.834	114.705										
2579.500	96.623	125.647	87.746	10.966	10.422	10.223	10.673	10.884	11.397	34.426	-26.028	
15.051	0.836	114.701										
2580.000	103.774	101.051	62.287	15.518	14.491	14.145	14.936	15.315	16.055	39.448	-26.440	
12.814	0.852	114.883										
2580.500	108.596	84.924	63.659	14.931	14.251	14.024	14.754	15.043	15.709	42.834	-26.872	
13.155	0.878	115.094										
2581.000	108.090	91.593	92.645	9.880	9.798	9.763	10.095	10.304	10.794	42.479	-27.449	
17.252	0.889	115.364										
2581.500	102.019	114.641	127.959	7.105	7.094	7.083	7.288	7.455	7.815	38.216	-28.265	
24.406	0.872	115.557										
2582.000	93.133	137.116	146.835	6.211	6.205	6.192	6.343	6.499	6.810	31.976	-29.115	
26.926	0.842	115.417										
2582.500	85.152	149.071	150.827	6.107	6.083	6.052	6.174	6.333	6.630	26.371	-30.144	
24.448	0.822	115.160										
2583.000	80.336	150.645	148.258	6.292	6.245	6.181	6.286	6.453	6.745	22.989	-31.522	
25.548	0.813	115.061										

2583.500	78.635	147.879	143.905	6.558	6.496	6.392	6.486	6.661	6.949	21.794	-32.839	
31.268	0.808	114.967										
2584.000	78.751	146.364	138.642	6.856	6.809	6.663	6.747	6.932	7.213	21.876	-33.929	
33.318	0.807	114.689										
2584.500	79.486	149.406	135.197	7.051	7.058	6.875	6.937	7.131	7.397	22.392	-34.744	
30.358	0.813	114.444										
2585.000	80.223	156.687	138.946	6.902	6.952	6.747	6.770	6.965	7.197	22.910	-35.291	
30.140	0.817	114.464										
2585.500	80.660	163.813	154.389	6.299	6.318	6.136	6.112	6.291	6.477	23.216	-36.367	
34.887	0.812	114.705										
2586.000	80.579	165.402	183.869	5.531	5.417	5.222	5.161	5.299	5.439	23.159	-38.922	
36.052	0.805	115.025										
2586.500	79.967	160.051	226.321	4.797	4.516	4.318	4.241	4.338	4.419	22.730	-43.126	
32.173	0.804	115.253										
2587.000	79.033	149.179	273.792	4.261	3.825	3.617	3.541	3.610	3.652	22.074	-48.995	
34.408	0.808	115.304										
2587.500	78.087	135.000	316.654	3.962	3.383	3.167	3.088	3.137	3.158	21.410	-55.918	
44.587	0.814	115.236										
2588.000	77.366	121.862	351.704	3.822	3.111	2.881	2.799	2.836	2.843	20.903	-62.744	
48.668	0.821	115.139										
2588.500	76.957	112.497	384.488	3.693	2.893	2.656	2.575	2.603	2.601	20.616	-68.697	
45.610	0.827	115.004										
2589.000	76.866	105.809	420.736	3.489	2.675	2.443	2.365	2.385	2.377	20.552	-73.516	
45.343	0.831	114.910										
2589.500	77.016	98.770	455.433	3.280	2.488	2.266	2.195	2.208	2.196	20.657	-76.767	44.526
0.831	114.990											
2590.000	77.249	92.068	477.451	3.174	2.389	2.170	2.101	2.109	2.094	20.821	-78.837	37.354
0.831	115.120											
2590.500	77.366	88.317	479.714	3.222	2.400	2.169	2.097	2.102	2.085	20.903	-80.000	27.660
0.831	115.121											
2591.000	77.216	88.871	465.832	3.403	2.502	2.246	2.167	2.168	2.147	20.798	-80.199	22.652
0.832	115.082											
2591.500	76.745	91.897	447.969	3.620	2.636	2.349	2.259	2.256	2.232	20.467	-79.961	22.274
0.833	115.100											
2592.000	76.020	92.356	436.894	3.763	2.730	2.420	2.322	2.315	2.289	19.958	-79.890	24.192
0.833	115.037											
2592.500	75.259	88.262	435.171	3.801	2.759	2.439	2.335	2.325	2.298	19.424	-80.126	26.441
0.836	114.906											
2593.000	74.722	82.457	438.300	3.798	2.752	2.428	2.321	2.307	2.282	19.047	-81.075	27.719
0.845	114.886											
2593.500	74.577	77.765	440.311	3.826	2.753	2.424	2.311	2.296	2.271	18.944	-82.558	29.145
0.860	114.957											
2594.000	74.782	74.257	439.733	3.893	2.774	2.433	2.315	2.297	2.274	19.088	-83.801	31.763
0.872	115.051											
2594.500	75.130	72.392	438.217	3.965	2.800	2.447	2.322	2.304	2.282	19.333	-84.829	33.848
0.867	115.123											
2595.000	75.403	72.449	439.307	3.990	2.803	2.444	2.315	2.297	2.276	19.524	-85.832	32.763
0.847	115.143											
2595.500	75.485	73.227	448.524	3.890	2.741	2.392	2.265	2.248	2.230	19.582	-86.794	32.516
0.831	115.143											
2596.000	75.418	72.743	467.556	3.670	2.613	2.290	2.171	2.155	2.139	19.535	-88.344	36.800
0.825	115.118											
2596.500	75.269	69.976	490.831	3.438	2.472	2.175	2.065	2.052	2.037	19.430	-90.246	41.092
0.822	114.983											

2597.000	75.058	66.250	510.708	3.279	2.365	2.087	1.984	1.971	1.958	19.282	-91.797	40.193
0.819	114.802											
2597.500	74.853	63.685	523.805	3.207	2.305	2.034	1.934	1.922	1.909	19.139	-92.753	37.105
0.817	114.734											
2598.000	74.768	62.732	531.964	3.190	2.275	2.003	1.905	1.894	1.880	19.079	-93.181	40.790
0.816	114.756											
2598.500	74.879	62.405	539.668	3.180	2.249	1.976	1.880	1.868	1.853	19.156	-93.034	47.235
0.815	114.777											
2599.000	75.167	61.985	548.926	3.154	2.216	1.945	1.850	1.837	1.822	19.359	-93.011	46.551
0.816	114.822											
2599.500	75.503	61.066	557.790	3.128	2.186	1.916	1.823	1.810	1.793	19.595	-93.207	42.762
0.821	114.908											
2600.000	75.714	60.401	563.854	3.122	2.169	1.899	1.805	1.792	1.774	19.743	-93.536	46.389
0.827	114.928											
2600.500	75.741	61.287	566.389	3.138	2.167	1.894	1.800	1.785	1.766	19.762	-94.020	52.956
0.831	114.810											
2601.000	75.649	63.138	566.562	3.163	2.175	1.898	1.802	1.786	1.765	19.697	-94.311	53.693
0.831	114.628											
2601.500	75.534	64.059	566.549	3.178	2.182	1.902	1.805	1.787	1.765	19.617	-94.265	51.509
0.826	114.585											
2602.000	75.475	64.042	567.123	3.181	2.184	1.904	1.806	1.787	1.763	19.575	-94.080	50.459
0.819	114.742											
2602.500	75.500	64.017	567.508	3.180	2.186	1.905	1.806	1.786	1.762	19.593	-93.745	48.738
0.813	114.924											
2603.000	75.562	64.293	567.407	3.181	2.187	1.907	1.808	1.787	1.762	19.636	-93.376	45.397
0.810	114.949											
2603.500	75.599	64.009	568.241	3.170	2.183	1.905	1.806	1.785	1.760	19.662	-93.214	42.115
0.808	114.877											
2604.000	75.600	62.227	571.391	3.134	2.165	1.893	1.797	1.775	1.750	19.663	-93.063	39.472
0.806	114.783											
2604.500	75.623	60.603	575.034	3.088	2.144	1.879	1.785	1.763	1.739	19.679	-92.929	39.982
0.805	114.695											
2605.000	75.722	61.248	574.531	3.071	2.140	1.878	1.786	1.763	1.741	19.749	-92.997	40.941
0.805	114.675											
2605.500	75.876	63.327	565.880	3.114	2.172	1.906	1.813	1.790	1.767	19.856	-93.036	38.968
0.804	114.771											
2606.000	75.981	65.952	548.026	3.228	2.248	1.969	1.872	1.847	1.825	19.930	-92.808	32.971
0.803	114.908											
2606.500	75.920	71.184	523.956	3.399	2.362	2.062	1.959	1.931	1.909	19.888	-92.180	25.546
0.802	114.983											
2607.000	75.653	78.429	497.753	3.600	2.500	2.174	2.062	2.032	2.009	19.700	-91.057	19.867
0.802	115.000											
2607.500	75.242	83.653	470.911	3.833	2.659	2.303	2.180	2.147	2.124	19.411	-89.673	21.859
0.802	114.945											
2608.000	74.802	84.738	445.951	4.088	2.826	2.438	2.302	2.266	2.242	19.103	-88.589	26.800
0.802	114.783											
2608.500	74.450	84.226	429.362	4.271	2.946	2.536	2.390	2.353	2.329	18.855	-88.018	26.534
0.802	114.648											
2609.000	74.271	83.800	428.312	4.244	2.942	2.538	2.392	2.356	2.335	18.729	-88.034	21.152
0.800	114.716											
2609.500	74.314	81.497	444.600	3.990	2.800	2.434	2.298	2.268	2.249	18.760	-88.681	13.578
0.797	114.898											
2610.000	74.573	76.457	472.276	3.655	2.597	2.278	2.158	2.133	2.117	18.942	-89.594	4.753
0.796	114.996											

2610.500	75.004	73.531	503.490	3.353	2.403	2.124	2.020	1.999	1.986	19.245	-90.600	-0.635
0.796	114.996											
2611.000	75.528	75.832	531.986	3.126	2.251	2.000	1.909	1.891	1.880	19.613	-91.607	4.746
0.795	114.902											
2611.500	76.011	78.320	549.591	3.010	2.167	1.930	1.846	1.830	1.820	19.951	-92.275	20.348
0.793	114.717											
2612.000	76.314	75.460	548.184	3.045	2.174	1.932	1.850	1.835	1.824	20.164	-92.513	33.099
0.791	114.489											
2612.500	76.352	69.795	525.972	3.248	2.282	2.016	1.929	1.913	1.901	20.191	-92.358	35.383
0.790	114.379											
2613.000	76.100	68.002	490.370	3.595	2.477	2.170	2.072	2.053	2.039	20.014	-91.631	33.555
0.791	114.394											
2613.500	75.636	71.597	453.685	3.993	2.713	2.356	2.243	2.221	2.204	19.688	-90.512	30.848
0.793	114.333											
2614.000	75.105	75.801	424.287	4.329	2.933	2.532	2.404	2.377	2.357	19.316	-89.238	24.833
0.793	114.283											
2614.500	74.657	76.754	403.847	4.554	3.106	2.673	2.530	2.500	2.476	19.001	-87.803	17.513
0.791	114.396											
2615.000	74.403	76.836	391.214	4.691	3.226	2.774	2.617	2.583	2.556	18.822	-86.527	14.453
0.790	114.506											
2615.500	74.376	78.946	386.924	4.740	3.277	2.817	2.649	2.613	2.584	18.804	-85.718	17.755
0.789	114.464											
2616.000	74.517	82.179	395.039	4.610	3.208	2.765	2.596	2.561	2.531	18.903	-85.323	22.607
0.788	114.380											
2616.500	74.725	84.299	416.054	4.301	3.026	2.623	2.464	2.432	2.404	19.048	-85.506	21.392
0.787	114.284											
2617.000	74.950	83.203	442.296	3.972	2.825	2.462	2.316	2.288	2.261	19.206	-86.233	11.702
0.787	114.215											
2617.500	75.182	79.491	464.168	3.745	2.678	2.343	2.206	2.180	2.154	19.369	-86.942	-3.644
0.785	114.156											
2618.000	75.415	76.703	478.436	3.622	2.594	2.271	2.140	2.116	2.090	19.533	-87.442	-16.464
0.782	113.995											
2618.500	75.609	75.609	486.859	3.563	2.549	2.232	2.103	2.081	2.054	19.669	-87.754	-16.195
0.779	113.838											
2619.000	75.662	74.795	490.666	3.550	2.533	2.216	2.088	2.067	2.038	19.707	-87.697	-6.543
0.777	113.861											
2619.500	75.507	74.699	489.589	3.591	2.546	2.224	2.095	2.073	2.043	19.598	-87.621	-2.150
0.778	114.067											
2620.000	75.162	75.312	486.005	3.659	2.576	2.245	2.114	2.091	2.058	19.355	-87.859	-4.184
0.779	114.228											
2620.500	74.726	74.833	484.418	3.702	2.593	2.257	2.125	2.100	2.064	19.049	-88.191	-3.477
0.782	114.216											
2621.000	74.333	72.393	486.978	3.695	2.583	2.249	2.117	2.091	2.053	18.773	-88.663	4.428
0.793	114.174											
2621.500	74.106	70.064	493.194	3.648	2.551	2.224	2.093	2.066	2.028	18.614	-89.255	12.959
0.804	114.132											
2622.000	74.121	70.114	502.842	3.566	2.500	2.183	2.055	2.028	1.989	18.625	-89.574	17.978
0.800	114.049											
2622.500	74.290	72.369	515.406	3.455	2.433	2.130	2.007	1.979	1.940	18.743	-89.882	18.921
0.787	114.073											
2623.000	74.401	74.313	525.500	3.371	2.384	2.090	1.970	1.941	1.903	18.821	-90.366	20.918
0.780	114.179											
2623.500	74.258	75.579	525.664	3.388	2.390	2.093	1.972	1.941	1.902	18.720	-90.578	28.293
0.779	114.200											

2624.000	73.823	75.009	515.237	3.514	2.456	2.143	2.016	1.982	1.941	18.415	-90.549	41.138
0.778	-999.250											
2624.500	73.310	71.045	502.792	3.660	2.536	2.204	2.070	2.033	1.989	18.055	-90.360	50.796
-999.250	-999.250											
2625.000	73.018	65.692	495.867	3.732	2.579	2.238	2.101	2.061	2.017	17.850	-89.785	46.188
-999.250	-999.250											
2625.500	73.085	63.199	492.314	3.757	2.598	2.256	2.118	2.076	2.031	17.897	-89.276	28.574
-999.250	-999.250											
2626.000	73.391	65.000	486.667	3.813	2.630	2.283	2.143	2.100	2.055	18.112	-89.052	15.129
-999.250	-999.250											
2626.500	73.694	68.574	479.268	3.899	2.674	2.319	2.178	2.132	2.087	18.325	-88.715	15.543
-999.250	-999.250											
2627.000	73.807	70.634	473.058	3.970	2.709	2.349	2.207	2.158	2.114	18.404	-88.425	17.053
-999.250	-999.250											
2627.500	73.712	70.402	466.767	4.036	2.743	2.379	2.236	2.185	2.142	18.337	-88.344	12.092
-999.250	-999.250											
2628.000	73.504	68.983	456.681	4.146	2.804	2.430	2.285	2.231	2.190	18.191	-88.255	9.959
-999.250	-999.250											
2628.500	73.219	67.345	441.652	4.325	2.904	2.512	2.363	2.305	2.264	17.991	-88.384	12.642
-999.250	-999.250											
2629.000	72.839	66.939	422.811	4.570	3.041	2.624	2.468	2.404	2.365	17.724	-88.765	6.505
-999.250	-999.250											
2629.500	72.384	67.812	402.683	4.848	3.196	2.752	2.589	2.519	2.483	17.404	-89.017	-5.570
-999.250	-999.250											
2630.000	71.911	67.127	385.340	5.072	3.330	2.866	2.698	2.624	2.595	17.072	-89.265	-6.495
-999.250	-999.250											
2630.500	71.470	65.692	371.828	5.197	3.427	2.955	2.787	2.709	2.689	16.763	-89.471	-1.640
-999.250	-999.250											
2631.000	71.016	67.674	355.597	5.372	3.557	3.072	2.904	2.822	2.812	16.444	-89.346	-4.378
-999.250	-999.250											
2631.500	70.390	71.675	328.856	5.835	3.840	3.309	3.131	3.039	3.041	16.004	-88.972	-7.110
-999.250	-999.250											
2632.000	69.417	70.853	291.701	6.714	4.346	3.722	3.520	3.410	3.428	15.321	-88.382	-2.808
-999.250	-999.250											
2632.500	68.078	63.390	251.012	7.939	5.071	4.315	4.078	3.941	3.984	14.381	-87.316	-4.423
-999.250	-999.250											
2633.000	66.592	55.308	211.483	9.383	6.015	5.102	4.821	4.644	4.729	13.337	-85.921	-15.100
-999.250	-999.250											
2633.500	65.334	52.039	175.603	10.828	7.176	6.103	5.774	5.544	5.695	12.454	-84.180	
-16.728	-999.250	-999.250										
2634.000	64.654	52.366	150.324	11.242	8.132	7.038	6.691	6.415	6.652	11.976	-81.878	-1.348
-999.250	-999.250											
2634.500	64.631	53.357	144.630	9.663	7.978	7.174	6.902	6.645	6.914	11.960	-79.117	12.351
-999.250	-999.250											
2635.000	64.935	54.917	158.948	7.459	6.820	6.388	6.234	6.054	6.291	12.174	-75.787	9.748
-999.250	-999.250											
2635.500	64.933	56.741	165.278	6.598	6.323	6.056	5.973	5.824	6.050	12.172	-71.808	2.235
-999.250	-999.250											
2636.000	64.012	57.394	137.117	7.715	7.482	7.200	7.158	6.971	7.293	11.525	-67.453	-0.908
-999.250	-999.250											
2636.500	61.876	56.803	83.969	12.549	12.057	11.518	11.518	11.110	11.909	10.025	-63.057	
-3.195	-999.250	-999.250										
2637.000	58.928	-999.250	47.221	22.995	21.128	19.949	19.949	18.923	21.177	7.955	-58.700	
-6.332	-999.250	-999.250										

2637.500	56.642	-999.250	35.332	30.079	27.156	25.928	26.173	24.817	28.303	6.350	-54.609
-6.303	-999.250	-999.250									
2638.000	57.050	-999.250	41.573	22.961	22.907	22.261	22.724	22.077	24.054	6.637	-50.474
-4.066	-999.250	-999.250									
2638.500	61.660	-999.250	61.569	14.944	15.271	15.081	15.378	15.224	16.242	9.874	-46.073
-2.436	-999.250	-999.250									
2639.000	70.424	-999.250	83.682	10.383	10.855	10.913	11.183	11.145	11.950	16.028	-41.662
-6.668	-999.250	-999.250									
2639.500	81.428	-999.250	92.151	9.170	9.620	9.782	10.079	10.100	10.852	23.756	-37.701
-14.230	-999.250	-999.250									
2640.000	91.824	-999.250	83.286	10.114	10.501	10.722	11.104	11.181	12.007	31.056	-34.722
-17.969	-999.250	-999.250									
2640.500	99.450	-999.250	67.875	12.442	12.791	13.077	13.617	13.768	14.733	36.411	-33.074
-18.982	-999.250	-999.250									
2641.000	103.945	-999.250	59.402	14.144	14.492	14.856	15.564	15.797	16.834	39.568	-32.326
-19.937	-999.250	-999.250									
2641.500	106.508	-999.250	56.471	14.529	15.036	15.523	16.371	16.639	17.708	41.368	-32.117
-16.872	-999.250	-999.250									
2642.000	108.565	-999.250	52.679	14.996	15.903	16.588	17.587	17.844	18.983	42.813	-32.340
-12.505	-999.250	-999.250									
2642.500	110.207	-999.250	49.065	15.481	16.928	17.824	18.944	19.186	20.381	43.966	-32.878
-12.837	-999.250	-999.250									
2643.000	109.749	-999.250	52.554	14.025	15.716	16.651	17.699	17.933	19.028	43.644	-34.064
-15.973	-999.250	-999.250									
2643.500	105.261	-999.250	67.973	10.716	12.108	12.865	13.653	13.881	14.712	40.492	-36.040
-16.321	-999.250	-999.250									
2644.000	96.661	-999.250	88.651	8.340	9.353	9.915	10.474	10.675	11.280	34.453	-38.349
-11.726	-999.250	-999.250									
2644.500	86.297	-999.250	96.742	7.835	8.691	9.173	9.635	9.821	10.337	27.175	-40.828
-999.250	-999.250										-6.272
2645.000	77.654	-999.250	92.673	8.389	9.227	9.687	10.116	10.295	10.791	21.106	-43.147
-4.294	-999.250	-999.250									
2645.500	73.115	-999.250	96.757	8.224	8.966	9.363	9.732	9.897	10.335	17.918	-44.703
-999.250	-999.250										-2.531
2646.000	72.733	-999.250	116.525	6.996	7.536	7.832	8.111	8.246	8.582	17.650	-45.393
-999.250	-999.250										4.084
2646.500	74.942	-999.250	138.817	6.019	6.386	6.611	6.830	6.940	7.204	19.201	-45.271
-999.250	-999.250										9.130
2647.000	78.036	-999.250	149.676	5.715	5.978	6.168	6.361	6.454	6.681	21.373	-44.290
-999.250	-999.250										5.198
2647.500	81.080	-999.250	150.583	5.801	5.997	6.163	6.348	6.430	6.641	23.511	-43.090
-999.250	-999.250										-5.385
2648.000	83.643	-999.250	151.012	5.893	6.029	6.170	6.352	6.423	6.622	25.311	-42.202
-13.061	-999.250	-999.250									
2648.500	85.204	-999.250	154.934	5.855	5.920	6.028	6.206	6.267	6.454	26.407	-41.684
-14.793	-999.250	-999.250									
2649.000	85.012	-999.250	154.994	5.974	5.957	6.033	6.217	6.267	6.452	26.272	-41.793
-14.989	-999.250	-999.250									
2649.500	82.647	-999.250	141.137	6.702	6.590	6.635	6.841	6.884	7.085	24.611	-42.752
-15.345	-999.250	-999.250									
2650.000	78.679	-999.250	114.437	8.414	8.163	8.180	8.457	8.488	8.738	21.825	-44.168
-17.341	-999.250	-999.250									
2650.500	74.502	-999.250	92.155	10.556	10.150	10.121	10.521	10.535	10.851	18.892	-45.792
-21.345	-999.250	-999.250									

2651.000	71.575	-999.250	83.408	11.654	11.261	11.184	11.636	11.625	11.989	16.836	-47.434
-22.203	-999.250	-999.250									
2651.500	70.508	-999.250	77.906	12.458	12.094	11.986	12.442	12.429	12.836	16.087	-49.019
-17.878	-999.250	-999.250									
2652.000	70.921	-999.250	64.694	15.006	14.587	14.431	14.976	14.978	15.457	16.377	-50.926
-18.141	-999.250	-999.250									
2652.500	72.119	-999.250	47.337	20.601	20.027	19.749	20.518	20.526	21.125	17.219	-53.480
-24.446	-999.250	-999.250									
2653.000	73.596	-999.250	34.820	28.202	27.584	27.037	28.020	28.043	28.719	18.256	-56.316
-28.015	-999.250	-999.250									
2653.500	75.117	-999.250	30.448	32.443	32.067	31.391	32.146	32.207	32.842	19.324	-58.972
-23.999	-999.250	-999.250									
2654.000	76.472	-999.250	31.463	31.275	31.209	30.706	31.068	31.083	31.783	20.275	-61.349
-19.167	-999.250	-999.250									
2654.500	77.382	-999.250	29.645	33.133	33.133	32.937	33.046	33.047	33.733	20.914	-63.639
-19.907	-999.250	-999.250									
2655.000	77.738	-999.250	23.407	42.984	42.929	42.831	42.316	42.292	42.723	21.164	-66.108
-20.741	-999.250	-999.250									
2655.500	77.698	-999.250	19.574	52.271	52.689	52.368	51.266	51.152	51.087	21.136	-68.508
-18.058	-999.250	-999.250									
2656.000	77.523	-999.250	20.283	49.573	50.101	49.922	49.387	49.294	49.302	21.013	-70.045
-16.817	-999.250	-999.250									
2656.500	77.374	-999.250	21.784	45.578	45.714	45.732	45.795	45.809	45.905	20.908	-70.678
-16.403	-999.250	-999.250									
2657.000	77.298	-999.250	20.350	49.206	49.236	49.224	49.178	49.165	49.141	20.855	-70.898
-12.988	-999.250	-999.250									
2657.500	77.312	-999.250	17.884	57.410	57.237	57.104	56.430	56.223	55.916	20.865	-71.121
-13.366	-999.250	-999.250									
2658.000	77.471	-999.250	17.317	59.349	59.203	59.083	58.312	58.057	57.747	20.976	-71.571
-18.843	-999.250	-999.250									
2658.500	77.844	-999.250	18.080	56.035	56.003	55.959	55.580	55.447	55.309	21.239	-71.913
-20.593	-999.250	-999.250									
2659.000	78.385	-999.250	18.308	55.198	55.181	55.160	54.841	54.725	54.621	21.618	-71.620
-17.197	-999.250	-999.250									
2659.500	78.905	-999.250	18.028	56.361	56.311	56.305	55.801	55.613	55.468	21.984	-70.924
-14.278	-999.250	-999.250									
2660.000	79.120	-999.250	18.092	56.409	56.297	56.308	55.687	55.436	55.274	22.135	-70.106
-12.019	-999.250	-999.250									
2660.500	78.844	-999.250	18.706	54.703	54.514	54.526	53.887	53.603	53.458	21.941	-69.105
-8.135	-999.250	-999.250									
2661.000	78.195	-999.250	19.823	51.818	51.495	51.485	50.867	50.559	50.446	21.485	-67.921
-4.938	-999.250	-999.250									
2661.500	77.482	-999.250	21.764	47.417	46.905	46.821	46.320	46.013	45.946	20.985	-66.425
-5.608	-999.250	-999.250									
2662.000	76.973	-999.250	26.065	37.842	38.973	38.865	38.597	38.383	38.365	20.627	-64.566
-7.882	-999.250	-999.250									
2662.500	-999.250	-999.250	34.326	27.685	29.327	29.277	29.206	29.130	29.132	-999.250	-62.674
-11.477	-999.250	-999.250									
2663.000	-999.250	-999.250	45.404	20.692	22.021	22.022	22.023	22.025	22.024	-999.250	-61.009
-20.062	-999.250	-999.250									
2663.500	-999.250	-999.250	55.120	17.130	18.075	18.116	18.126	18.146	18.142	-999.250	-59.523
-29.542	-999.250	-999.250									
2664.000	-999.250	-999.250	61.760	15.452	16.107	16.175	16.181	16.195	16.192	-999.250	-58.477
-29.175	-999.250	-999.250									

2664.500	-999.250	-999.250	67.343	14.317	14.770	14.824	14.844	14.871	14.849	-999.250	-57.712
-21.325	-999.250	-999.250									
2665.000	-999.250	-999.250	74.555	13.043	13.341	13.362	13.406	13.451	13.413	-999.250	-57.009
-17.613	-999.250	-999.250									
2665.500	-999.250	-999.250	82.731	11.831	12.015	12.014	12.071	12.127	12.087	-999.250	-56.484
-15.186	-999.250	-999.250									
2666.000	-999.250	-999.250	88.484	11.119	11.233	11.217	11.282	11.340	11.301	-999.250	-56.116
-3.141	-999.250	-999.250									
2666.500	-999.250	-999.250	89.634	11.010	11.094	11.068	11.139	11.193	11.156	-999.250	-55.892
13.855	-999.250	-999.250									
2667.000	-999.250	-999.250	87.783	11.246	11.332	11.302	11.379	11.425	11.392	-999.250	-56.025
23.536	-999.250	-999.250									
2667.500	-999.250	-999.250	86.851	11.346	11.449	11.421	11.502	11.543	11.514	-999.250	-56.350
27.983	-999.250	-999.250									
2668.000	-999.250	-999.250	87.515	11.235	11.349	11.329	11.414	11.450	11.427	-999.250	-56.802
32.196	-999.250	-999.250									
2668.500	-999.250	-999.250	87.231	11.239	11.367	11.362	11.450	11.481	11.464	-999.250	-57.495
33.278	-999.250	-999.250									
2669.000	-999.250	-999.250	85.920	11.358	11.516	11.533	11.623	11.650	11.639	-999.250	-58.052
28.267	-999.250	-999.250									
2669.500	-999.250	-999.250	86.041	11.266	11.467	11.513	11.605	11.628	11.622	-999.250	-58.329
22.400	-999.250	-999.250									
2670.000	-999.250	-999.250	88.425	10.883	11.122	11.198	11.288	11.310	11.309	-999.250	-58.454
21.865	-999.250	-999.250									
2670.500	-999.250	-999.250	91.369	10.468	10.736	10.834	10.920	10.942	10.945	-999.250	-58.393
24.324	-999.250	-999.250									
2671.000	-999.250	-999.250	93.210	10.223	10.514	10.623	10.703	10.724	10.729	-999.250	-58.355
24.809	-999.250	-999.250									
2671.500	-999.250	-999.250	94.156	10.102	10.416	10.523	10.597	10.615	10.621	-999.250	-58.679
25.269	-999.250	-999.250									
2672.000	-999.250	-999.250	95.612	9.931	10.278	10.373	10.438	10.455	10.459	-999.250	-59.054
29.172	-999.250	-999.250									
2672.500	-999.250	-999.250	98.885	9.568	9.964	10.042	10.095	10.112	10.113	-999.250	-59.177
27.619	-999.250	-999.250									
2673.000	-999.250	-999.250	103.128	9.137	9.582	9.643	9.683	9.701	9.697	-999.250	-59.387
17.332	-999.250	-999.250									
2673.500	-999.250	-999.250	104.837	8.987	9.457	9.504	9.531	9.547	9.539	-999.250	-59.355
9.805	-999.250	-999.250									
2674.000	-999.250	-999.250	102.910	9.229	9.668	9.700	9.716	9.729	9.717	-999.250	-59.009
14.549	-999.250	-999.250									
2674.500	-999.250	-999.250	100.473	9.594	9.933	9.948	9.953	9.963	9.953	-999.250	-58.424
23.121	-999.250	-999.250									
2675.000	-999.250	-999.250	99.920	9.804	10.010	10.009	10.009	10.016	10.008	-999.250	-57.350
24.734	-999.250	-999.250									
2675.500	-999.250	-999.250	100.606	9.848	9.941	9.941	9.940	9.948	9.940	-999.250	-55.831
19.047	-999.250	-999.250									
2676.000	-999.250	-999.250	101.493	9.802	9.854	9.853	9.853	9.861	9.853	-999.250	-54.464
14.899	-999.250	-999.250									
2676.500	-999.250	-999.250	102.095	9.733	9.793	9.795	9.795	9.803	9.795	-999.250	-53.191
14.841	-999.250	-999.250									
2677.000	-999.250	-999.250	102.608	9.661	9.733	9.746	9.746	9.754	9.746	-999.250	-52.106
18.650	-999.250	-999.250									
2677.500	-999.250	-999.250	104.012	9.526	9.599	9.614	9.614	9.622	9.614	-999.250	-51.316
23.050	-999.250	-999.250									



2678.000	-999.250	-999.250	106.451	9.330	9.387	9.394	9.394	9.400	9.394	-999.250	-50.302
24.852	-999.250	-999.250									
2678.500	-999.250	-999.250	108.229	9.218	9.239	9.240	9.240	9.245	9.240	-999.250	-49.272
22.332	-999.250	-999.250									
2679.000	-999.250	-999.250	107.914	9.267	9.267	9.267	9.267	9.269	9.267	-999.250	-48.591
24.724	-999.250	-999.250									
2679.500	-999.250	-999.250	107.334	9.318	9.318	9.317	9.318	9.318	9.317	-999.250	-47.976
33.763	-999.250	-999.250									
2680.000	-999.250	-999.250	109.719	9.123	9.123	9.122	9.123	9.124	9.114	-999.250	-47.416
44.239	-999.250	-999.250									
2680.500	-999.250	-999.250	114.881	8.722	8.721	8.721	8.721	8.725	8.705	-999.250	-46.983
58.190	-999.250	-999.250									
2681.000	-999.250	-999.250	120.307	8.336	8.336	8.336	8.336	8.342	8.312	-999.250	-46.060
76.113	-999.250	-999.250									
2681.500	-999.250	-999.250	124.472	8.057	8.066	8.074	8.065	8.073	8.034	-999.250	-44.899
83.136	-999.250	-999.250									
2682.000	-999.250	-999.250	127.817	7.837	7.862	7.878	7.862	7.873	7.824	-999.250	-43.965
70.636	-999.250	-999.250									
2682.500	-999.250	-999.250	132.116	7.567	7.613	7.635	7.613	7.627	7.569	-999.250	-43.025
48.751	-999.250	-999.250									
2683.000	-999.250	-999.250	139.121	7.158	7.236	7.262	7.236	7.252	7.188	-999.250	-42.175
46.679	-999.250	-999.250									
2683.500	-999.250	-999.250	148.826	6.653	6.769	6.798	6.769	6.787	6.719	-999.250	-41.446
78.717	-999.250	-999.250									
2684.000	-999.250	-999.250	158.499	6.204	6.360	6.391	6.361	6.379	6.309	-999.250	-40.515
94.733	-999.250	-999.250									
2684.500	-999.250	-999.250	164.566	5.932	6.123	6.161	6.135	6.150	6.077	-999.250	-39.610
51.473	-999.250	-999.250									
2685.000	-999.250	-999.250	166.133	5.833	6.056	6.107	6.084	6.097	6.019	-999.250	-39.513
-12.924	-999.250	-999.250									
2685.500	-999.250	-999.250	165.904	5.805	6.058	6.118	6.099	6.110	6.028	-999.250	-39.835
-47.475	-999.250	-999.250									
2686.000	-999.250	-999.250	165.942	5.784	6.054	6.119	6.103	6.112	6.026	-999.250	-40.509
-58.498	-999.250	-999.250									
2686.500	-999.250	-999.250	165.403	5.805	6.074	6.141	6.128	6.134	6.046	-999.250	-41.208
-60.324	-999.250	-999.250									
2687.000	-999.250	-999.250	164.368	5.862	6.117	6.181	6.171	6.174	6.084	-999.250	-41.556
-59.981	-999.250	-999.250									
2687.500	-999.250	-999.250	165.407	5.858	6.086	6.145	6.135	6.134	6.046	-999.250	-41.560
-63.994	-999.250	-999.250									
2688.000	-999.250	-999.250	171.257	5.699	5.887	5.936	5.927	5.923	5.839	-999.250	-41.861
-66.061	-999.250	-999.250									
2688.500	-999.250	-999.250	182.198	5.400	5.540	5.580	5.571	5.564	5.489	-999.250	-42.124
-55.929	-999.250	-999.250									
2689.000	-999.250	-999.250	193.861	5.112	5.210	5.240	5.233	5.224	5.158	-999.250	-42.401
-36.533	-999.250	-999.250									
2689.500	-999.250	-999.250	200.677	4.961	5.029	5.055	5.051	5.041	4.983	-999.250	-42.211
-23.006	-999.250	-999.250									
2690.000	-999.250	-999.250	203.365	4.901	4.957	4.976	4.979	4.967	4.917	-999.250	-41.470
-21.287	-999.250	-999.250									
2690.500	-999.250	-999.250	207.004	4.807	4.853	4.873	4.884	4.872	4.831	-999.250	-40.415
-25.418	-999.250	-999.250									
2691.000	-999.250	-999.250	209.764	4.726	4.764	4.793	4.812	4.799	4.767	-999.250	-39.266
-28.190	-999.250	-999.250									

2691.500	-999.250	-999.250	204.355	4.829	4.861	4.906	4.927	4.914	4.893	-999.250	-38.198
-31.833	-999.250	-999.250									
2692.000	-999.250	-999.250	194.267	5.056	5.078	5.128	5.166	5.153	5.148	-999.250	-37.609
-33.663	-999.250	-999.250									
2692.500	-999.250	-999.250	189.420	5.184	5.179	5.228	5.284	5.273	5.279	-999.250	-37.262
-28.987	-999.250	-999.250									
2693.000	-999.250	-999.250	183.584	5.366	5.306	5.348	5.423	5.419	5.447	-999.250	-37.018
-20.140	-999.250	-999.250									
2693.500	-999.250	-999.250	166.454	5.948	5.812	5.849	5.952	5.952	6.008	-999.250	-37.286
-14.035	-999.250	-999.250									
2694.000	-999.250	-999.250	140.213	7.086	6.831	6.868	7.033	7.033	7.132	-999.250	-37.934
-11.623	-999.250	-999.250									
2694.500	-999.250	-999.250	115.488	8.597	8.176	8.228	8.490	8.490	8.659	-999.250	-38.933
-8.488	-999.250	-999.250									
2695.000	-999.250	-999.250	99.315	9.871	9.366	9.465	9.830	9.838	10.069	-999.250	-40.128
-4.131	-999.250	-999.250									
2695.500	-999.250	-999.250	93.814	10.215	9.781	9.960	10.357	10.379	10.659	-999.250	-41.008
-7.248	-999.250	-999.250									
2696.000	-999.250	-999.250	96.202	9.519	9.380	9.633	10.030	10.074	10.395	-999.250	-41.050
-18.762	-999.250	-999.250									
2696.500	-999.250	-999.250	97.765	8.980	9.066	9.397	9.805	9.873	10.229	-999.250	-40.633
-23.459	-999.250	-999.250									
2697.000	-999.250	-999.250	92.510	9.166	9.446	9.858	10.299	10.399	10.810	-999.250	-40.010
-16.125	-999.250	-999.250									
2697.500	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250
-39.528	-5.382	-999.250	-999.250								
2698.000	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250
-39.530	1.544	-999.250	-999.250								
2698.500	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250
-39.858	3.793	-999.250	-999.250								
2699.000	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250
-999.250	0.599	-999.250	-999.250								
2699.500	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250
-999.250	-3.306	-999.250	-999.250								
2700.000	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250	-999.250
-999.250	-3.479	-999.250	-999.250								
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-999.250	-1.375	-999.250	-999.250								
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-999.250	-2.129	-999.250	-999.250								
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-999.250	-6.628	-999.250	-999.250								
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-999.250	-8.861	-999.250	-999.250								
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-999.250	-7.532	-999.250	-999.250								
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-999.250	-4.721	-999.250	-999.250								
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-999.250	6.057	-999.250	-999.250								
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-999.250	34.180	-999.250	-999.250								
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-999.250	65.810	-999.250	-999.250								

2705.000 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250 -999.250  
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