

## DOYMUŞ BUHAR TABLOSU

MUTLAK BASINÇ	GÖSTERGE BASINCI	SICAKLIK	ÖZGÜL HACİM		ÖZGÜL KÜTLE		ISI TUTUMU		GİZLİ ISI	ENTROPİ	
			Su	Buhar	Su	Buhar	Su	Buhar		Su	Buhar
P	P <sub>g</sub>	T	V <sub>s</sub>	V <sub>b</sub>	ρ <sub>s</sub>	ρ <sub>b</sub>	i <sub>s</sub>	i <sub>b</sub>	r	S <sub>s</sub>	S <sub>b</sub>
[bar]	[bar]	[°C]	[m <sup>3</sup> /kg]	[m <sup>3</sup> /kg]	[kg/m <sup>3</sup> ]	[kg/m <sup>3</sup> ]	[kcal/kg]	[kcal/kg]	[kcal/kg]	[kcal/kg °K]	[kcal/kg °K]
0.2	-0.8	61.47	0.001018	7.20293	982.41	0.1388	61.46	623.7	562.3	0.2029	1.8832
0.3	-0.7	70.11	0.001023	5.02212	977.69	0.1991	70.10	627.3	557.2	0.2284	1.8516
0.4	-0.6	76.66	0.001027	3.87394	973.84	0.2581	76.66	630.0	553.3	0.2473	1.8290
0.5	-0.5	81.99	0.001030	3.16246	970.54	0.3162	82.00	632.1	550.1	0.2625	1.8114
0.6	-0.4	86.51	0.001033	2.67711	967.64	0.3735	86.53	633.9	547.3	0.2752	1.7970
0.7	-0.3	90.45	0.001036	2.32423	965.03	0.4303	90.49	635.4	544.9	0.2861	1.7848
0.8	-0.2	93.95	0.001039	2.05575	962.65	0.4864	94.01	636.8	542.8	0.2957	1.7743
0.9	-0.1	97.11	0.001041	1.84441	960.44	0.5422	97.19	638.0	540.8	0.3043	1.7649
1.0	0.0	100.00	0.001043	1.67359	958.39	0.5975	100.10	639.1	539.0	0.3122	1.7566
1.1	0.1	102.66	0.001046	1.53256	956.47	0.6525	102.78	640.1	537.3	0.3193	1.7491
1.2	0.2	105.13	0.001048	1.41408	954.66	0.7072	105.27	641.0	535.7	0.3259	1.7422
1.3	0.3	107.43	0.001049	1.31311	952.94	0.7616	107.60	641.9	534.3	0.3320	1.7359
1.4	0.4	109.60	0.001051	1.22599	951.30	0.8157	109.79	642.7	532.9	0.3378	1.7300
1.5	0.5	111.64	0.001053	1.15003	949.74	0.8695	111.86	643.4	531.5	0.3432	1.7245
1.6	0.6	113.58	0.001055	1.08320	948.24	0.9232	113.82	644.1	530.3	0.3482	1.7194
1.7	0.7	115.42	0.001056	1.02392	946.80	0.9766	115.68	644.8	529.1	0.3530	1.7146
1.8	0.8	117.17	0.001058	0.97098	945.42	1.0299	117.46	645.4	527.9	0.3576	1.7101
1.9	0.9	118.84	0.001059	0.92340	944.08	1.0830	119.16	646.0	526.8	0.3619	1.7058
2.0	1.0	120.45	0.001061	0.88040	942.79	1.1359	120.79	646.5	525.7	0.3661	1.7018
3	2	133.71	0.001073	0.60337	931.71	1.6574	134.30	651.0	516.7	0.3998	1.6697
4	3	143.76	0.001084	0.46102	922.80	2.1691	144.61	654.1	509.5	0.4247	1.6469
5	4	151.97	0.001093	0.37393	915.21	2.6743	153.06	656.5	503.5	0.4448	1.6291
6	5	158.95	0.001101	0.31497	908.53	3.1749	160.29	658.5	498.2	0.4616	1.6144
7	6	165.06	0.001108	0.27232	902.50	3.6721	166.65	660.0	493.4	0.4761	1.6020
8	7	170.51	0.001115	0.23999	896.98	4.1668	172.34	661.4	489.0	0.4890	1.5912
9	8	175.45	0.001121	0.21461	891.87	4.6596	177.52	662.5	485.0	0.5005	1.5816
10	9	179.97	0.001127	0.19414	887.09	5.1510	182.28	663.5	481.2	0.5110	1.5729
11	10	184.15	0.001133	0.17726	882.59	5.6414	186.70	664.3	477.6	0.5206	1.5651
12	11	188.05	0.001139	0.16310	878.32	6.1311	190.82	665.0	474.2	0.5296	1.5578
13	12	191.69	0.001144	0.15105	874.26	6.6203	194.70	665.7	471.0	0.5379	1.5511
14	13	195.12	0.001149	0.14066	870.37	7.1093	198.37	666.3	467.9	0.5457	1.5449
15	14	198.37	0.001154	0.13161	866.64	7.5983	201.84	666.8	464.9	0.5530	1.5390
16	15	201.45	0.001159	0.12365	863.05	8.0874	205.16	667.2	462.0	0.5600	1.5335
17	16	204.38	0.001163	0.11659	859.58	8.5768	208.32	667.6	459.3	0.5666	1.5283
18	17	207.19	0.001168	0.11030	856.22	9.0666	211.36	667.9	456.6	0.5728	1.5233
19	18	209.87	0.001172	0.10464	852.97	9.5569	214.27	668.2	453.9	0.5788	1.5186
20	19	212.45	0.001177	0.09952	849.81	10.0478	217.08	668.5	451.4	0.5846	1.5141
21	20	214.93	0.001181	0.09488	846.74	10.5395	219.79	668.7	448.9	0.5901	1.5098
22	21	217.32	0.001185	0.09065	843.74	11.0323	222.41	668.9	446.5	0.5954	1.5057
23	22	219.63	0.001189	0.08677	840.81	11.5251	224.95	669.1	444.1	0.6005	1.5017
24	23	221.86	0.001193	0.08320	837.96	12.0194	227.41	669.2	441.8	0.6054	1.4979
25	24	224.02	0.001197	0.07991	835.16	12.5146	229.80	669.3	439.5	0.6102	1.4942
26	25	226.11	0.001201	0.07686	832.42	13.0109	232.13	669.4	437.3	0.6148	1.4906
27	26	228.15	0.001205	0.07403	829.73	13.5083	234.39	669.5	435.1	0.6193	1.4872
28	27	230.12	0.001209	0.07139	827.09	14.0069	236.60	669.5	432.9	0.6236	1.4838
29	28	232.04	0.001213	0.06893	824.50	14.5067	238.76	669.5	430.8	0.6278	1.4805
30	29	233.92	0.001217	0.06663	821.96	15.0078	240.86	669.6	428.7	0.6319	1.4774
31	30	235.74	0.001220	0.06447	819.46	15.5102	242.92	669.6	426.6	0.6359	1.4743
32	31	237.52	0.001224	0.06245	816.99	16.0140	244.93	669.5	424.6	0.6398	1.4713
33	32	239.26	0.001228	0.06054	814.56	16.5192	246.90	669.5	422.6	0.6436	1.4683
34	33	240.96	0.001231	0.05873	812.17	17.0259	248.84	669.5	420.6	0.6473	1.4655
35	34	242.62	0.001235	0.05703	809.81	17.5341	250.73	669.4	418.7	0.6509	1.4627
36	35	244.24	0.001238	0.05542	807.49	18.0438	252.59	669.3	416.7	0.6545	1.4599
37	36	245.83	0.001242	0.05389	805.19	18.5551	254.42	669.2	414.8	0.6579	1.4572
38	37	247.39	0.001245	0.05244	802.92	19.0681	256.21	669.1	412.9	0.6613	1.4546
39	38	248.92	0.001249	0.05107	800.68	19.5827	257.98	669.0	411.1	0.6647	1.4520
40	39	250.41	0.001252	0.04975	798.46	20.0989	259.71	668.9	409.2	0.6679	1.4495
41	40	251.88	0.001256	0.04850	796.27	20.6169	261.42	668.8	407.4	0.6711	1.4470
42	41	253.32	0.001259	0.04731	794.10	21.1376	263.10	668.7	405.6	0.6743	1.4446
43	42	254.74	0.001263	0.04617	791.96	21.6582	264.75	668.5	403.8	0.6773	1.4422
44	43	256.13	0.001266	0.04508	789.83	22.1826	266.38	668.4	402.0	0.6804	1.4399
45	44	257.49	0.001269	0.04404	787.73	22.7069	267.99	668.2	400.2	0.6833	1.4375
46	45	258.84	0.001273	0.04304	785.64	23.2350	269.57	668.0	398.5	0.6863	1.4353
47	46	260.16	0.001276	0.04208	783.58	23.7631	271.14	667.9	396.7	0.6891	1.4330
48	47	261.46	0.001280	0.04116	781.54	24.2952	272.68	667.7	395.0	0.6920	1.4308
49	48	262.74	0.001283	0.04028	779.50	24.8272	274.20	667.5	393.3	0.6948	1.4286
50	49	263.99	0.001286	0.03943	777.49	25.3633	275.70	667.3	391.6	0.6975	1.4265
51	50	265.23	0.001290	0.03861	775.49	25.8994	277.19	667.1	389.9	0.7002	1.4244
52	51	266.46	0.001293	0.03782	773.51	26.4397	278.66	666.9	388.2	0.7029	1.4223
53	52	267.66	0.001296	0.03706	771.55	26.9801	280.11	666.6	386.5	0.7055	1.4202
54	53	268.85	0.001299	0.03633	769.59	27.5247	281.54	666.4	384.9	0.7081	1.4182
55	54	270.02	0.001303	0.03563	767.65	28.0693	282.96	666.2	383.2	0.7107	1.4162
56	55	271.17	0.001306	0.03494	765.73	28.6184	284.36	665.9	381.6	0.7132	1.4142
57	56	272.31	0.001309	0.03428	763.81	29.1674	285.75	665.7	379.9	0.7157	1.4122
58	57	273.43	0.001312	0.03365	761.91	29.7212	287.12	665.4	378.3	0.7181	1.4103
59	58	274.54	0.001316	0.03303	760.02	30.2749	288.48	665.2	376.7	0.7205	1.4084
60	59	275.64	0.001319	0.03243	758.14	30.8333	289.83	664.9	375.1	0.7229	1.4065
61	60	276.72	0.001322	0.03186	756.28	31.3917	291.16	664.7	373.5	0.7253	1.4046
62	61	277.78	0.001326	0.03130	754.42	31.9536	292.48	664.4	371.9	0.7277	1.4027
63	62	278.84	0.001329	0.03075	752.57	32.5181	293.79	664.1	370.3	0.7300	1.4009
64	63	279.88	0.001332	0.03023	750.73	33.0851	295.09	663.8	368.7	0.7323	1.3990
65	64	280.91	0.001335	0.02971	748.91	33.6546	296.37	663.5	367.2	0.7345	1.3972

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			Su V <sub>s</sub> [m <sup>3</sup> /kg]	Buhar V <sub>b</sub> [m <sup>3</sup> /kg]	Su ρ <sub>s</sub> [kg/m <sup>3</sup> ]	Buhar ρ <sub>b</sub> [kg/m <sup>3</sup> ]	Su i <sub>s</sub> [kcal/kg]	Buhar i <sub>b</sub> [kcal/kg]		Su S <sub>s</sub> [kcal/kg °K]	Buhar S <sub>b</sub> [kcal/kg °K]
P [bar]	P <sub>g</sub> [bar]	T [°C]							r [kcal/kg]		
66	65	281.92	0.001339	0.02922	747.08	34.2266	297.65	663.3	365.6	0.7368	1.3954
67	66	282.93	0.001342	0.02873	745.27	34.8014	298.91	663.0	364.0	0.7390	1.3937
68	67	283.92	0.001345	0.02827	743.47	35.3800	300.16	662.7	362.5	0.7412	1.3919
69	68	284.91	0.001348	0.02781	741.67	35.9587	301.41	662.4	360.9	0.7433	1.3901
70	69	285.88	0.001352	0.02737	739.89	36.5428	302.64	662.0	359.4	0.7455	1.3884
71	70	286.84	0.001355	0.02693	738.11	37.1268	303.86	661.7	357.9	0.7476	1.3867
72	71	287.79	0.001358	0.02651	736.33	37.7165	305.08	661.4	356.3	0.7497	1.3850
73	72	288.73	0.001361	0.02611	734.57	38.3061	306.28	661.1	354.8	0.7518	1.3833
74	73	289.66	0.001365	0.02571	732.81	38.9015	307.48	660.7	353.3	0.7539	1.3816
75	74	290.58	0.001368	0.02532	731.05	39.4968	308.66	660.4	351.8	0.7559	1.3799
76	75	291.49	0.001371	0.02494	729.31	40.0980	309.84	660.1	350.2	0.7580	1.3782
77	76	292.40	0.001374	0.02457	727.56	40.6992	311.01	659.7	348.7	0.7600	1.3766
78	77	293.29	0.001378	0.02421	725.83	41.3065	312.18	659.4	347.2	0.7620	1.3750
79	78	294.18	0.001381	0.02386	724.10	41.9138	313.33	659.0	345.7	0.7640	1.3733
80	79	295.05	0.001384	0.02352	722.37	42.5273	314.48	658.7	344.2	0.7659	1.3717
81	80	295.92	0.001388	0.02318	720.65	43.1408	315.62	658.3	342.7	0.7679	1.3701
82	81	296.78	0.001391	0.02285	718.93	43.7607	316.76	658.0	341.2	0.7698	1.3685
83	82	297.64	0.001394	0.02253	717.22	44.3805	317.88	657.6	339.7	0.7717	1.3669
84	83	298.48	0.001398	0.02222	715.52	45.0069	319.00	657.2	338.2	0.7736	1.3653
85	84	299.32	0.001401	0.02191	713.81	45.6333	320.12	656.8	336.7	0.7755	1.3637
86	85	300.15	0.001404	0.02161	712.11	46.2665	321.22	656.5	335.2	0.7774	1.3622
87	86	300.97	0.001408	0.02132	710.41	46.8997	322.32	656.1	333.8	0.7793	1.3606
88	87	301.78	0.001411	0.02104	708.72	47.5397	323.42	655.7	332.3	0.7811	1.3590
89	88	302.59	0.001414	0.02076	707.03	48.1798	324.51	655.3	330.8	0.7829	1.3575
90	89	303.39	0.001418	0.02048	705.34	48.8269	325.59	654.9	329.3	0.7848	1.3560
91	90	304.18	0.001421	0.02021	703.66	49.4741	326.67	654.5	327.8	0.7866	1.3544
92	91	304.97	0.001425	0.01995	701.98	50.1268	327.74	654.1	326.4	0.7884	1.3529
93	92	305.75	0.001428	0.01969	700.30	50.7831	328.81	653.7	324.9	0.7901	1.3514
94	93	306.53	0.001431	0.01944	698.63	51.4432	329.87	653.3	323.4	0.7919	1.3499
95	94	307.29	0.001435	0.01919	696.95	52.1072	330.93	652.9	321.9	0.7937	1.3483
96	95	308.05	0.001438	0.01895	695.28	52.7752	331.98	652.5	320.5	0.7954	1.3468
97	96	308.81	0.001442	0.01871	693.61	53.4468	333.03	652.0	319.0	0.7972	1.3453
98	97	309.56	0.001445	0.01848	691.94	54.1225	334.07	651.6	317.5	0.7989	1.3438
99	98	310.30	0.001449	0.01825	690.27	54.8023	335.11	651.2	316.1	0.8006	1.3423
100	99	311.04	0.001452	0.01802	688.61	55.4862	336.14	650.7	314.6	0.8023	1.3409
101	100	311.77	0.001456	0.01780	686.94	56.1741	337.17	650.3	313.1	0.8040	1.3394
102	101	312.50	0.001459	0.01759	685.28	56.8663	338.20	649.9	311.7	0.8057	1.3379
103	102	313.22	0.001463	0.01737	683.62	57.5629	339.22	649.4	310.2	0.8074	1.3364
104	103	313.94	0.001466	0.01716	681.95	58.2639	340.24	649.0	308.7	0.8091	1.3350
105	104	314.65	0.001470	0.01696	680.29	58.9692	341.25	648.5	307.3	0.8108	1.3335
106	105	315.35	0.001474	0.01676	678.63	59.6790	342.26	648.0	305.8	0.8124	1.3320
107	106	316.05	0.001477	0.01656	676.97	60.3934	343.27	647.6	304.3	0.8141	1.3306
108	107	316.75	0.001481	0.01636	675.31	61.1124	344.27	647.1	302.8	0.8157	1.3291
109	108	317.44	0.001484	0.01617	673.65	61.8360	345.27	646.6	301.4	0.8173	1.3276
110	109	318.12	0.001488	0.01598	671.98	62.5645	346.27	646.2	299.9	0.8190	1.3262
111	110	318.80	0.001492	0.01580	670.32	63.2979	347.26	645.7	298.4	0.8206	1.3247
112	111	319.48	0.001496	0.01562	668.66	64.0361	348.25	645.2	297.0	0.8222	1.3233
113	112	320.15	0.001499	0.01544	667.00	64.7790	349.24	644.7	295.5	0.8238	1.3218
114	113	320.81	0.001503	0.01526	665.34	65.5274	350.22	644.2	294.0	0.8254	1.3204
115	114	321.48	0.001507	0.01509	663.67	66.2809	351.21	643.7	292.5	0.8270	1.3190
116	115	322.13	0.001511	0.01492	662.00	67.0394	352.19	643.2	291.0	0.8286	1.3175
117	116	322.79	0.001514	0.01475	660.34	67.8035	353.16	642.7	289.6	0.8302	1.3161
118	117	323.43	0.001518	0.01458	658.67	68.5730	354.13	642.2	288.1	0.8317	1.3146
119	118	324.08	0.001522	0.01442	657.00	69.3481	355.11	641.7	286.6	0.8333	1.3132
120	119	324.72	0.001526	0.01426	655.33	70.1287	356.08	641.2	285.1	0.8349	1.3117
121	120	325.35	0.001530	0.01410	653.65	70.9149	357.04	640.7	283.6	0.8364	1.3103
122	121	325.98	0.001534	0.01395	651.98	71.7067	358.01	640.1	282.1	0.8380	1.3089
123	122	326.61	0.001538	0.01379	650.30	72.5047	358.97	639.6	280.6	0.8395	1.3074
124	123	327.24	0.001542	0.01364	648.61	73.3084	359.93	639.1	279.1	0.8411	1.3060
125	124	327.86	0.001546	0.01349	646.93	74.1185	360.89	638.5	277.6	0.8426	1.3046
126	125	328.47	0.001550	0.01334	645.24	74.9350	361.85	638.0	276.1	0.8441	1.3031
127	126	329.08	0.001554	0.01320	643.55	75.7576	362.80	637.4	274.6	0.8456	1.3017
128	127	329.69	0.001558	0.01306	641.86	76.5867	363.76	636.9	273.1	0.8472	1.3002
129	128	330.30	0.001562	0.01292	640.17	77.4222	364.71	636.3	271.6	0.8487	1.2988
130	129	330.90	0.001566	0.01278	638.47	78.2644	365.66	635.8	270.1	0.8502	1.2974
131	130	331.49	0.001570	0.01264	636.76	79.1133	366.61	635.2	268.6	0.8517	1.2959
132	131	332.09	0.001575	0.01250	635.06	79.9693	367.56	634.6	267.1	0.8532	1.2945
133	132	332.68	0.001579	0.01237	633.35	80.8322	368.50	634.0	265.5	0.8547	1.2930
134	133	333.26	0.001583	0.01224	631.63	81.7027	369.45	633.5	264.0	0.8562	1.2916
135	134	333.85	0.001588	0.01211	629.91	82.5798	370.40	632.9	262.5	0.8577	1.2901
136	135	334.42	0.001592	0.01198	628.19	83.4648	371.34	632.3	260.9	0.8592	1.2887
137	136	335.00	0.001596	0.01185	626.46	84.3576	372.28	631.7	259.4	0.8607	1.2872
138	137	335.57	0.001601	0.01173	624.72	85.2580	373.23	631.1	257.9	0.8622	1.2858
139	138	336.14	0.001605	0.01161	622.98	86.1668	374.17	630.5	256.3	0.8637	1.2843
140	139	336.71	0.001610	0.01148	621.24	87.0830	375.11	629.9	254.8	0.8651	1.2829
141	140	337.27	0.001614	0.01136	619.49	88.0080	376.05	629.2	253.2	0.8666	1.2814
142	141	337.83	0.001619	0.01124	617.73	88.9411	376.99	628.6	251.6	0.8681	1.2799
143	142	338.39	0.001623	0.01113	615.97	89.8828	377.93	628.0	250.1	0.8696	1.2785
144	143	338.94	0.001628	0.01101	614.20	90.8331	378.87	627.3	248.5	0.8710	1.2770
145	144	339.49	0.001633	0.01089	612.43	91.7928	379.82	626.7	246.9	0.8725	1.2755
146	145	340.04	0.001638	0.01078	610.64	92.7618	380.76	626.1	245.3	0.8740	1.2740
147	146	340.58	0.001642	0.01067	608.85	93.7400	381.70	625.4	243.7	0.8755	1.2725
148	147	341.13	0.001647	0.01056	607.06	94.7275	382.64	624.7	242.1	0.8769	1.2711
149	148	341.66	0.001652	0.01045	605.25	95.7258	383.58	624.1	240.5	0.8784	1.2696
150	149	342.20	0.001657	0.01034	603.44	96.7333	384.52	623.4	238.9	0.8799	1.2681

## DOYMUŞ BUHAR TABLOSU

MUTLAK BASINÇ	GOSTERGE BASINCI	SICAKLIK	ÖZGÜL HACİM		ÖZGÜL KÜTLE		ISI TUTUMU		GİZLİ ISI	ENTROPİ	
			Su V <sub>s</sub>	Buhar V <sub>b</sub>	Su ρ <sub>s</sub>	Buhar ρ <sub>b</sub>	Su i <sub>s</sub>	Buhar i <sub>b</sub>		Su S <sub>s</sub>	Buhar S <sub>b</sub>
P [bar]	P <sub>g</sub> [bar]	T [°C]	[m <sup>3</sup> /kg]	[m <sup>3</sup> /kg]	[kg/m <sup>3</sup> ]	[kg/m <sup>3</sup> ]	[kcal/kg]	[kcal/kg]	r [kcal/kg]	[kcal/kg °K]	[kcal/kg °K]
151	150	342.73	0.001662	0.01023	601.62	97.7517	385.46	622.7	237.3	0.8813	1.2666
152	151	343.26	0.001667	0.01012	599.79	98.7801	386.41	622.0	235.6	0.8828	1.2651
153	152	343.79	0.001672	0.01002	597.95	99.8193	387.35	621.3	234.0	0.8843	1.2635
154	153	344.31	0.001678	0.00991	596.10	100.8696	388.30	620.6	232.3	0.8857	1.2620
155	154	344.83	0.001683	0.00981	594.25	101.9314	389.24	619.9	230.7	0.8872	1.2605
156	155	345.35	0.001688	0.00971	592.38	103.0048	390.19	619.2	229.0	0.8887	1.2590
157	156	345.87	0.001693	0.00961	590.50	104.0901	391.14	618.5	227.4	0.8901	1.2574
158	157	346.38	0.001699	0.00951	588.62	105.1876	392.09	617.8	225.7	0.8916	1.2559
159	158	346.89	0.001704	0.00941	586.72	106.2977	393.04	617.0	224.0	0.8931	1.2543
160	159	347.40	0.001710	0.00931	584.81	107.4206	394.00	616.3	222.3	0.8945	1.2528
161	160	347.91	0.001716	0.00921	582.89	108.5569	394.95	615.5	220.6	0.8960	1.2512
162	161	348.41	0.001721	0.00912	580.96	109.7067	395.91	614.8	218.9	0.8975	1.2496
163	162	348.91	0.001727	0.00902	579.01	110.8705	396.87	614.0	217.1	0.8990	1.2480
164	163	349.41	0.001733	0.00892	577.05	112.0487	397.83	613.2	215.4	0.9005	1.2464
165	164	349.90	0.001739	0.00883	575.08	113.2417	398.79	612.4	213.6	0.9019	1.2448
166	165	350.40	0.001745	0.00874	573.09	114.4500	399.76	611.6	211.9	0.9034	1.2432
167	166	350.89	0.001751	0.00864	571.09	115.6739	400.73	610.8	210.1	0.9049	1.2416
168	167	351.37	0.001757	0.00855	569.08	116.9141	401.71	610.0	208.3	0.9064	1.2400
169	168	351.86	0.001764	0.00846	567.04	118.1709	402.68	609.2	206.5	0.9079	1.2383
170	169	352.34	0.001770	0.00837	565.00	119.4449	403.66	608.4	204.7	0.9094	1.2367
171	170	352.82	0.001776	0.00828	562.93	120.7368	404.65	607.5	202.9	0.9109	1.2350
172	171	353.30	0.001783	0.00819	560.85	122.0469	405.63	606.7	201.0	0.9124	1.2333
173	172	353.78	0.001790	0.00811	558.75	123.3761	406.63	605.8	199.2	0.9139	1.2316
174	173	354.25	0.001797	0.00802	556.63	124.7248	407.62	604.9	197.3	0.9154	1.2299
175	174	354.72	0.001803	0.00793	554.50	126.0940	408.62	604.0	195.4	0.9170	1.2282
176	175	355.19	0.001810	0.00784	552.34	127.4842	409.63	603.1	193.5	0.9185	1.2265
177	176	355.66	0.001818	0.00776	550.16	128.8960	410.64	602.2	191.6	0.9200	1.2247
178	177	356.12	0.001825	0.00767	547.96	130.3307	411.66	601.3	189.7	0.9216	1.2230
179	178	356.58	0.001832	0.00759	545.73	131.7888	412.68	600.4	187.7	0.9231	1.2212
180	179	357.04	0.001840	0.00750	543.48	133.2713	413.70	599.4	185.7	0.9247	1.2194
181	180	357.50	0.001848	0.00742	541.21	134.7792	414.74	598.5	183.7	0.9263	1.2176
182	181	357.96	0.001856	0.00734	538.91	136.3137	415.78	597.5	181.7	0.9279	1.2158
183	182	358.41	0.001864	0.00725	536.58	137.8755	416.83	596.5	179.6	0.9294	1.2139
184	183	358.86	0.001872	0.00717	534.23	139.4661	417.89	595.5	177.6	0.9311	1.2120
185	184	359.31	0.001880	0.00709	531.84	141.0867	418.95	594.4	175.5	0.9327	1.2101
186	185	359.76	0.001889	0.00701	529.42	142.7387	420.02	593.4	173.4	0.9343	1.2082
187	186	360.21	0.001898	0.00692	526.97	144.4235	421.11	592.3	171.2	0.9359	1.2063
188	187	360.65	0.001907	0.00684	524.49	146.1429	422.20	591.3	169.1	0.9376	1.2043
189	188	361.09	0.001916	0.00676	521.96	147.8981	423.30	590.2	166.9	0.9392	1.2023
190	189	361.53	0.001925	0.00668	519.40	149.6916	424.41	589.0	164.6	0.9409	1.2003
191	190	361.96	0.001935	0.00660	516.81	151.5250	425.54	587.9	162.4	0.9426	1.1983
192	191	362.40	0.001945	0.00652	514.16	153.4006	426.68	586.7	160.1	0.9443	1.1962
193	192	362.83	0.001955	0.00644	511.47	155.3210	427.83	585.6	157.7	0.9461	1.1941
194	193	363.26	0.001966	0.00636	508.74	157.2886	428.99	584.3	155.4	0.9478	1.1919
195	194	363.69	0.001976	0.00628	505.95	159.3064	430.17	583.1	152.9	0.9496	1.1898
196	195	364.12	0.001988	0.00620	503.11	161.3780	431.37	581.8	150.5	0.9514	1.1875
197	196	364.54	0.001999	0.00612	500.21	163.5066	432.58	580.5	148.0	0.9532	1.1853
198	197	364.97	0.002011	0.00604	497.25	165.6962	433.81	579.2	145.4	0.9551	1.1830
199	198	365.39	0.002023	0.00595	494.22	167.9518	435.06	577.9	142.8	0.9570	1.1806
200	199	365.81	0.002036	0.00587	491.13	170.2777	436.34	576.5	140.1	0.9589	1.1782
201	200	366.22	0.002049	0.00579	487.95	172.6803	437.63	575.0	137.4	0.9609	1.1757
202	201	366.64	0.002063	0.00571	484.70	175.1651	438.96	573.5	134.6	0.9628	1.1732
203	202	367.05	0.002077	0.00563	481.35	177.7402	440.31	572.0	131.7	0.9649	1.1706
204	203	367.46	0.002092	0.00554	477.90	180.4139	441.69	570.4	128.7	0.9670	1.1679
205	204	367.87	0.002108	0.00546	474.35	183.1958	443.10	568.8	125.7	0.9691	1.1652
206	205	368.28	0.002125	0.00537	470.67	186.0978	444.56	567.1	122.5	0.9713	1.1623
207	206	368.68	0.002142	0.00529	466.86	189.1339	446.06	565.3	119.3	0.9735	1.1594
208	207	369.09	0.002160	0.00520	462.90	192.3210	447.60	563.5	115.9	0.9759	1.1563
209	208	369.49	0.002180	0.00511	458.76	195.6798	449.21	561.6	112.4	0.9783	1.1531
210	209	369.89	0.002201	0.00502	454.42	199.2369	450.88	559.5	108.7	0.9808	1.1498
211	210	370.28	0.002223	0.00493	449.83	203.0242	452.62	557.4	104.8	0.9834	1.1463
212	211	370.68	0.002247	0.00483	444.96	207.0835	454.46	555.1	100.7	0.9862	1.1425
213	212	371.07	0.002274	0.00473	439.74	211.4706	456.41	552.7	96.3	0.9891	1.1386
214	213	371.46	0.002304	0.00462	434.07	216.2616	458.50	550.0	91.5	0.9923	1.1343
215	214	371.85	0.002337	0.00451	427.82	221.5644	460.78	547.1	86.3	0.9958	1.1296
215.986	214.986	372.24	0.002376	0.00440	420.87	227.4542	463.27	543.9	80.6	0.9995	1.1244