

**Table 6.** The data of the Earth planet of the new Earth model.

Level	Radius	Density	Mass of shell	Moment of Inertia	Level	Radius	Density	Mass of shell	Moment of Inertia
No.	km	g/cm <sup>3</sup>	10 <sup>24</sup> g	10 <sup>40</sup> g.cm <sup>2</sup>	No.	km	g/cm <sup>3</sup>	10 <sup>24</sup> g	10 <sup>40</sup> g.cm <sup>2</sup>
94	6371.0	1.02000			47	4000.0	5.30724	108.883	1190.942
93	6368.0	1.02000	1.560	42.192	46	3900.0	5.35706	104.551	1087.797
92	6368.0	2.60000	0.000	0.000	45	3800.0	5.40681	100.252	990.939
91	6356.0	2.60000	15.869	428.205	44	3700.0	5.45657	95.991	900.186
90	6356.0	2.90000	0.000	0.000	43	3630.0	5.49145	64.681	579.291
89	6346.6	2.90000	13.818	371.612	42	3630.0	5.49145	0.000	0.000
88	6346.6	3.38076	0.000	0.000	41	3600.0	5.50642	27.091	236.031
87	6331.0	3.37906	26.623	713.154	40	3500.0	5.55641	87.605	736.274
86	6311.0	3.37688	33.921	903.543	39	3480.0	6.56645	17.025	138.243
85	6291.0	3.37471	33.885	891.587	38	3400.0	5.60987	66.482	524.600
84	6291.0	3.37471	0.000	0.000	37	3300.0	5.66415	79.503	595.032
83	6256.0	3.37091	58.383	1531.873	36	3200.0	5.71843	75.548	532.191
82	6221.0	3.36710	57.669	1496.283	35	3100.0	5.77270	71.647	474.147
81	6186.0	3.36330	56.960	1461.353	34	3000.0	5.82698	67.805	420.694
80	6151.0	3.35950	56.254	1427.019	33	2900.0	5.88126	64.026	371.635
79	6151.0	3.43578	0.000	0.000	32	2800.0	5.93553	60.313	326.765
78	6106.0	3.46264	73.258	1834.339	31	2700.0	5.98981	56.671	285.875
77	6061.0	3.48951	72.748	1794.926	30	2600.0	6.04409	53.104	248.764
76	6016.0	3.51639	72.230	1755.876	29	2500.0	6.09837	49.616	215.223
75	5971.0	3.54325	71.702	1717.172	28	2400.0	6.15264	46.211	185.049
74	5971.0	3.72378	0.000	0.000	27	2300.0	6.20692	42.893	158.036
73	5921.0	3.78678	83.421	1966.289	26	2200.0	6.26120	39.666	133.982
72	5871.0	3.84980	83.400	1932.878	25	2100.0	6.31547	36.534	112.688
71	5821.0	3.91282	83.344	1898.957	24	2000.0	6.36975	33.502	93.955
70	5771.0	3.97584	83.256	1864.631	23	1900.0	6.42403	30.573	77.588
69	5771.0	3.97584	0.000	0.000	22	1800.0	6.47831	27.752	63.398
68	5736.0	3.98399	57.945	1278.777	21	1787.5	6.48509	3.276	7.027
67	5701.0	3.99214	57.359	1250.499	20	1700.0	6.52703	21.757	44.150
66	5701.0	4.38071	0.000	0.000	19	1600.0	6.88649	22.952	41.722
65	5650.0	4.41241	90.762	1949.III	18	1500.0	7.03784	21.027	33.736
64	5600.0	4.44316	88.027	1856.879	17	1400.0	7.09459	18.677	26.231
63	5600.0	4.44317	0.000	0.000	16	1300.0	7.15135	16.321	19.875
62	5500.0	4.50372	173.161	3556.332	15	1221.5	7.17442	11.235	11.924
61	5400.0	4.56307	169.215	3351.201	14	1221.5	9.17442	0.000	0.000
60	5300.0	4.62129	165.176	3152.302	13	1200.0	9.18575	3.636	3.554
59	5200.0	4.67844	161.058	2959.895	12	1100.0	9.23583	15.317	13.547
58	5100.0	4.73460	156.869	2774.141	11	1000.0	9.28155	12.837	9.471
57	5000.0	4.78983	152.621	2595.240	10	900.0	9.32293	10.560	6.383
56	4900.0	4.84422	148.325	2423.294	9	800.0	9.35994	8.491	4.113
55	4800.0	4.89783	143.989	2258.383	8	700.0	9.39260	6.638	2.507
54	4700.0	4.95073	139.623	2100.552	7	600.0	9.42091	5.004	1.423
53	4600.0	5.00299	135.234	1949.779	6	500.0	9.44486	3.596	0.735
52	4500.0	5.05469	130.833	1806.076	5	400.0	9.46446	2.416	0.333
51	4400.0	5.10590	126.426	1669.385	4	300.0	9.47970	1.468	0.124
50	4300.0	5.15669	122.021	1539.631	3	200.0	9.49059	0.755	0.034
49	4200.0	5.20713	117.625	1416.725	2	100.0	9.49712	0.278	0.005
48	4100.0	5.25729	113.243	1300.533	1	0.0	9.49821	0.040	0.000
<b>Total</b>								5,121.820	76,126.841
<b>Insufficiency</b>								852.380	4,159.559