

The deviation E of Pressure between the PREM and the new Earth model by simplified method.

Layer	Radius R	Simplified Method Pressure P	PREM Pressure P	Deviation E
Unit	km	Kbar	Kbar	
94	6371	0	0	0
93	6368	0.301	0.299	0.006688963
92	6368	0.301	0.303	-0.00660066
91	6356	3.368	3.364	0.001189061
90	6356	3.368	3.37	-0.000593472
89	6346.6	6.051	6.04	0.001821192
88	6346.6	6.051	6.043	0.001323846
87	6331	11.242	11.239	0.000266928
86	6311	17.897	17.891	0.000335364
85	6291	24.552	24.539	0.000529769
84	6291	24.552	24.546	0.000244439
83	6256	36.197	36.183	0.000386922
82	6221	47.843	47.824	0.00039729
81	6186	59.49	59.466	0.000403592
80	6151	71.14	71.108	0.00045002
79	6151	71.14	71.115	0.000351543
78	6106	86.533	86.497	0.000416199
77	6061	102.07	102.027	0.000421457
76	6016	117.752	117.702	0.000424802
75	5971	133.58	133.52	0.000449371
74	5971	133.58	133.527	0.000396923
73	5921	152.315	152.251	0.000420358
72	5871	171.384	171.311	0.000426126
71	5821	190.784	190.703	0.000424744
70	5771	210.515	210.425	0.000427706
69	5771	210.515	210.426	0.000422952
68	5736	224.46	224.364	0.000427876
67	5701	238.44	238.334	0.000444754
66	5701	238.44	238.342	0.000411174
65	5650	260.896	260.783	0.00043331
64	5600	283.051	282.927	0.000438276
63	5600	283.051	282.928	0.00043474
62	5500	327.772	327.623	0.000454791
61	5400	373.027	372.852	0.000469355
60	5300	418.809	418.606	0.000484943
59	5200	465.113	464.882	0.0004969
58	5100	511.936	511.676	0.000508134
57	5000	559.281	558.991	0.000518792
56	4900	607.151	606.83	0.000528978
55	4800	655.55	655.202	0.000531134
54	4700	704.504	704.119	0.000546783
53	4600	754.016	753.598	0.000554672
52	4500	804.113	803.66	0.000563671
51	4400	854.82	854.332	0.000571207
50	4300	906.171	905.646	0.000579697

49	4200	958.203	957.641	0.000586859
48	4100	1010.963	1010.363	0.000593846
47	4000	1064.504	1063.864	0.000601581
46	3900	1118.888	1118.207	0.000609011
45	3800	1174.188	1173.465	0.000616124
44	3700	1230.486	1229.719	0.00062372
43	3630	1270.533	1269.741	0.000623749
42	3630	1270.533	1269.742	0.000622961
41	3600	1287.866	1287.067	0.000620791
40	3500	1346.464	1345.619	0.000627964
39	3480	1358.335	1357.509	0.000608467
38	3480	1358.335	1357.51	0.00060773
37	3400	1442.882	1441.941	0.000652593
36	3300	1548.038	1546.982	0.000682619
35	3200	1652.385	1651.209	0.000712205
34	3100	1755.72	1754.418	0.000742126
33	3000	1857.844	1856.409	0.000772998
32	2900	1958.564	1956.991	0.000803785
31	2800	2057.694	2055.978	0.000834639
30	2700	2155.056	2153.189	0.000867086
29	2600	2250.478	2248.453	0.000900619
28	2500	2343.794	2341.603	0.000935684
27	2400	2434.847	2432.484	0.000971435
26	2300	2523.487	2520.942	0.001009543
25	2200	2609.572	2606.838	0.00104878
24	2100	2692.969	2690.035	0.001090692
23	2000	2773.552	2770.407	0.001135212
22	1900	2851.205	2847.839	0.001181949
21	1800	2925.821	2922.221	0.00123194
20	1700	2997.305	2993.457	0.00128547
19	1600	3065.572	3061.461	0.001342823
18	1500	3130.55	3126.159	0.001404599
17	1400	3192.185	3187.493	0.001472003
16	1300	3250.438	3245.423	0.001545253
15	1221.5	3293.691	3288.502	0.001577922
14	1221.5	3293.691	3288.513	0.001574572
13	1200	3305.677	3300.48	0.001574619
12	1100	3359.21	3353.596	0.001674024
11	1000	3408.454	3402.383	0.001784338
10	900	3453.339	3446.764	0.001907586
9	800	3493.806	3486.665	0.002048089
8	700	3529.806	3522.024	0.002209525
7	600	3561.307	3552.783	0.002399246
6	500	3588.295	3578.894	0.002626789
5	400	3610.792	3600.315	0.002910023
4	300	3628.883	3617.011	0.003282268
3	200	3642.82	3628.956	0.003820383
2	100	3653.579	3636.131	0.004798507
1	0	3655.973	3638.524	0.004795626