

TABLE I**Uniformitarian Estimates—Age of the Earth**

(Unless otherwise indicated, based on standard assumptions of (1) zero initial “daughter” component; (2) closed system; (3) uniform rate. Reference numbers refer to documentation cited on pages immediately following this table.)

Process	Indicated Age of Earth	Reference
1. Decay of earth’s magnetic field	10,000 years	1
2. Influx of radiocarbon to the earth system	10,000 years	2
3. Influx of meteoritic dust from space	too small to calculate	3
4. Influx of juvenile water to oceans	340,000,000 years	3
5. Influx of magma from mantle to form crust	500,000,000 years	3
6. Growth of oldest living part of biosphere	5,000 years	3
7. Origin of human civilizations	5,000 years	3
8. Efflux of Helium-4 into the atmosphere	1,750 - 175,000 years	4
9. Development of total human population	4,000 years	5
10. Influx of sediment to the ocean via rivers	30,000,000 years	6
11. Erosion of sediment from continents	14,000,000 years	6
12. Leaching of sodium from continents	32,000,000 years	7
13. Leaching of chlorine from continents	1,000,000 years	7
14. Leaching of calcium from continents	12,000,000 years	7

Process	Indicated Age of Earth	Reference
15. Influx of carbonate to the ocean	100,000 years	7
16. Influx of sulphate to the ocean	10,000,000 years	7
17. Influx of chlorine to the ocean	164,000,000 years	7
18. Influx of calcium to the ocean	1,000,000 years	7
19. Influx of uranium to the ocean	1,260,000 years	8
20. Efflux of oil from traps by fluid pressure	10,000 - 100,000 years	9
21. Formation of radiogenic lead by neutron capture	too small to measure	9
22. Formation of radiogenic strontium by neutron capture	too small to measure	9
23. Decay of natural remanent paleomagnetism	100,000 years	9
24. Decay of C-14 in pre-Cambrian wood	4,000 years	9
25. Decay of uranium with initial “radiogenic” lead	too small to measure	10
26. Decay of potassium with entrapped argon	too small to measure	10
27. Formation of river deltas	5,000 years	11
28. Submarine oil seepage into oceans	50,000,000 years	12
29. Decay of natural plutonium	80,000,000 years	13
30. Decay of lines of galaxies	10,000,000 years	14
31. Expanding interstellar gas	60,000,000 years	15
32. Decay of short-period comets	10,000 years	16
33. Decay of long-period comets	1,000,000 years	17
34. Influx of small particles to the sun	83,000 years	17
35. Maximum life of meteor showers	5,000,000 years	17

	Process	Indicated Age of Earth	Refer- ence
36.	Accumulation of dust on the moon	200,000 years	17
37.	Instability of rings of Saturn	1,000,000 years	17
38.	Escape of methane from Titan	20,000,000 years	17
39.	Deceleration of earth by tidal friction	500,000,000 years	18
40.	Cooling of the earth by heat efflux	24,000,000 years	18
41.	Accumulation of calcareous ooze on sea floor	5,000,000 years	19
42.	Influx of sodium to the ocean via rivers	260,000,000 years	20
43.	Influx of nickel to the ocean via rivers	9,000 years	20
44.	Influx of magnesium to the ocean via rivers	45,000,000 years	20
45.	Influx of silicon to the ocean via rivers	8,000 years	20
46.	Influx of potassium to the ocean via rivers	11,000,000 years	20
47.	Influx of copper to the ocean via rivers	50,000 years	20
48.	Influx of gold to the ocean via rivers	560,000 years	20
49.	Influx of silver to the ocean via rivers	2,100,000 years	20
50.	Influx of mercury to the ocean via rivers	42,000 years	20
51.	Influx of lead to the ocean via rivers	2,000 years	20
52.	Influx of tin to the ocean via rivers	100,000 years	20
53.	Influx of aluminum to the ocean via rivers	100 years	20
54.	Influx of lithium into ocean via rivers	20,000,000 years	20
55.	Influx of titanium into ocean via rivers	160 years	20
56.	Influx of chromium into ocean via rivers	350 years	20

	Process	Indicated Age of Earth	Refer- ence
57.	Influx of manganese into ocean via rivers	1,400 years	20
58.	Influx of iron into ocean via rivers	140 years	20
59.	Influx of cobalt into ocean via rivers	18,000 years	20
60.	Influx of zinc into ocean via rivers	180,000 years	20
61.	Influx of rubidium into ocean via rivers	270,000 years	20
62.	Influx of strontium into ocean via rivers	19,000,000 years	20
63.	Influx of bismuth into ocean via rivers	45,000 years	20
64.	Influx of thorium into ocean via rivers	350 years	20
65.	Influx of antimony into ocean via rivers	350,000 years	20
66.	Influx of tungsten into ocean via rivers	1,000 years	20
67.	Influx of barium into ocean via rivers	84,000 years	20
68.	Influx of molybdenum into ocean via rivers	500,000 years	20