

Calculation results for EMRAS II Meeting, 1-2 July 2010, Piacenza (updated on November 30, 2010)

Catrinel Turcanu, Geert Olyslaegers

Belgian Nuclear Research Centre SCK•CEN

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1. Calculations with JRODOS

The following tables present results obtained with the RODOS FDMT-Food chain and dose model for sandy and clay soils for a deposition of 1000 Bq/m² for I-131, Sr-90 and Cs-137 for plant products (grass, hay, winter wheat, leafy vegetables) and animal products (cow's milk, lamb meat).

Time of release: 1st of May (puff release)

Time evolution of I-131 concentration in various plant and animal products (in Bq/kg) for sandy and clay soils (initial deposition: 1000 Bq/m²)

Day	Grass I131 Sandy	Hay I131Sandy	Wwheat I131 Sandy	LeafyI131 Sandy	CowMilk I131 Sandy	Lamb I131 Sandy	Grass I131 Clay	Hay I131 Clay	Wwheat I131 Clay	LeafyI131 Clay	CowMilk I131 Clay	Lamb I131 Clay
01.05.2010	2.13E+03	0.00E+00	0.00E+00	1.74E+03	0.00E+00	0.00E+00	2.17E+03	0.00E+00	0.00E+00	1.77E+03	0.00E+00	0.00E+00
02.05.2010	1.84E+03	0.00E+00	0.00E+00	1.52E+03	1.29E+02	4.69E-01	1.87E+03	0.00E+00	0.00E+00	1.55E+03	1.32E+02	4.77E-01
03.05.2010	1.59E+03	0.00E+00	0.00E+00	1.33E+03	1.66E+02	8.80E-01	1.62E+03	0.00E+00	0.00E+00	1.35E+03	1.69E+02	8.95E-01
04.05.2010	1.37E+03	0.00E+00	0.00E+00	1.16E+03	1.72E+02	1.24E+00	1.40E+03	0.00E+00	0.00E+00	1.18E+03	1.75E+02	1.26E+00
05.05.2010	1.19E+03	0.00E+00	0.00E+00	1.02E+03	1.67E+02	1.54E+00	1.21E+03	0.00E+00	0.00E+00	1.03E+03	1.70E+02	1.57E+00
06.05.2010	1.03E+03	0.00E+00	0.00E+00	8.86E+02	1.57E+02	1.79E+00	1.04E+03	0.00E+00	0.00E+00	9.02E+02	1.60E+02	1.83E+00
07.05.2010	8.86E+02	0.00E+00	0.00E+00	7.73E+02	1.47E+02	2.00E+00	9.02E+02	0.00E+00	0.00E+00	7.86E+02	1.49E+02	2.04E+00
08.05.2010	7.66E+02	0.00E+00	0.00E+00	6.74E+02	1.36E+02	2.17E+00	7.80E+02	0.00E+00	0.00E+00	6.86E+02	1.38E+02	2.21E+00
09.05.2010	6.63E+02	0.00E+00	0.00E+00	5.87E+02	1.25E+02	2.30E+00	6.74E+02	0.00E+00	0.00E+00	5.97E+02	1.27E+02	2.34E+00
10.05.2010	5.73E+02	0.00E+00	0.00E+00	5.11E+02	1.15E+02	2.40E+00	5.83E+02	0.00E+00	0.00E+00	5.20E+02	1.17E+02	2.44E+00
11.05.2010	4.96E+02	0.00E+00	0.00E+00	4.45E+02	1.05E+02	2.47E+00	5.05E+02	0.00E+00	0.00E+00	4.53E+02	1.07E+02	2.51E+00
12.05.2010	4.29E+02	0.00E+00	0.00E+00	3.87E+02	9.58E+01	2.51E+00	4.37E+02	0.00E+00	0.00E+00	3.94E+02	9.75E+01	2.55E+00
13.05.2010	3.71E+02	0.00E+00	0.00E+00	3.36E+02	8.46E+01	2.51E+00	3.78E+02	0.00E+00	0.00E+00	3.42E+02	8.61E+01	2.56E+00

Day	Grass I131 Sandy	Hay I131Sandy	Wwheat I131 Sandy	LeafyI131 Sandy	CowMilk I131 Sandy	Lamb I131 Sandy	Grass I131 Clay	Hay I131 Clay	Wwheat I131 Clay	LeafyI131 Clay	CowMilk I131 Clay	Lamb I131 Clay
14.05.2010	3.21E+02	0.00E+00	0.00E+00	2.92E+02	7.38E+01	2.49E+00	3.27E+02	0.00E+00	0.00E+00	2.97E+02	7.51E+01	2.54E+00
15.05.2010	2.78E+02	0.00E+00	0.00E+00	2.54E+02	6.40E+01	2.45E+00	2.83E+02	0.00E+00	0.00E+00	2.58E+02	6.52E+01	2.49E+00
16.05.2010	2.41E+02	0.00E+00	0.00E+00	2.20E+02	5.55E+01	2.39E+00	2.45E+02	0.00E+00	0.00E+00	2.24E+02	5.65E+01	2.43E+00
17.05.2010	2.09E+02	0.00E+00	0.00E+00	1.91E+02	4.81E+01	2.31E+00	2.12E+02	0.00E+00	0.00E+00	1.94E+02	4.89E+01	2.35E+00
18.05.2010	1.81E+02	0.00E+00	0.00E+00	1.65E+02	4.17E+01	2.23E+00	1.84E+02	0.00E+00	0.00E+00	1.68E+02	4.24E+01	2.26E+00
19.05.2010	1.57E+02	0.00E+00	0.00E+00	1.43E+02	3.61E+01	2.13E+00	1.60E+02	0.00E+00	0.00E+00	1.45E+02	3.67E+01	2.17E+00
20.05.2010	1.36E+02	0.00E+00	0.00E+00	1.23E+02	3.13E+01	2.04E+00	1.38E+02	0.00E+00	0.00E+00	1.26E+02	3.18E+01	2.07E+00
21.05.2010	1.18E+02	0.00E+00	0.00E+00	1.06E+02	2.71E+01	1.94E+00	1.20E+02	0.00E+00	0.00E+00	1.08E+02	2.76E+01	1.97E+00
22.05.2010	1.02E+02	0.00E+00	0.00E+00	9.18E+01	2.35E+01	1.84E+00	1.04E+02	0.00E+00	0.00E+00	9.34E+01	2.39E+01	1.87E+00
23.05.2010	8.87E+01	0.00E+00	0.00E+00	7.91E+01	2.04E+01	1.74E+00	9.03E+01	0.00E+00	0.00E+00	8.05E+01	2.07E+01	1.77E+00
24.05.2010	7.70E+01	0.00E+00	0.00E+00	6.80E+01	1.77E+01	1.64E+00	7.84E+01	0.00E+00	0.00E+00	6.92E+01	1.80E+01	1.67E+00
25.05.2010	6.69E+01	0.00E+00	0.00E+00	5.84E+01	1.53E+01	1.54E+00	6.80E+01	0.00E+00	0.00E+00	5.95E+01	1.56E+01	1.57E+00
26.05.2010	5.81E+01	0.00E+00	0.00E+00	5.01E+01	1.33E+01	1.45E+00	5.91E+01	0.00E+00	0.00E+00	5.10E+01	1.36E+01	1.48E+00
27.05.2010	5.05E+01	0.00E+00	0.00E+00	4.29E+01	1.16E+01	1.36E+00	5.14E+01	0.00E+00	0.00E+00	4.37E+01	1.18E+01	1.38E+00
28.05.2010	4.39E+01	0.00E+00	0.00E+00	3.67E+01	1.01E+01	1.27E+00	4.46E+01	0.00E+00	0.00E+00	3.74E+01	1.02E+01	1.30E+00
29.05.2010	3.81E+01	0.00E+00	0.00E+00	3.13E+01	8.73E+00	1.19E+00	3.88E+01	0.00E+00	0.00E+00	3.19E+01	8.89E+00	1.21E+00
30.05.2010	3.32E+01	0.00E+00	0.00E+00	2.67E+01	7.59E+00	1.11E+00	3.38E+01	0.00E+00	0.00E+00	2.71E+01	7.73E+00	1.13E+00
31.05.2010	2.89E+01	0.00E+00	0.00E+00	2.27E+01	6.60E+00	1.03E+00	2.94E+01	0.00E+00	0.00E+00	2.31E+01	6.72E+00	1.05E+00
01.06.2010	2.51E+01	0.00E+00	0.00E+00	1.92E+01	5.75E+00	9.63E-01	2.56E+01	0.00E+00	0.00E+00	1.96E+01	5.85E+00	9.80E-01
02.06.2010	2.19E+01	0.00E+00	0.00E+00	1.62E+01	5.00E+00	8.95E-01	2.23E+01	0.00E+00	0.00E+00	1.65E+01	5.09E+00	9.11E-01
03.06.2010	1.91E+01	0.00E+00	0.00E+00	1.37E+01	4.36E+00	8.31E-01	1.94E+01	0.00E+00	0.00E+00	1.39E+01	4.43E+00	8.46E-01
04.06.2010	1.66E+01	0.00E+00	0.00E+00	1.15E+01	3.79E+00	7.72E-01	1.69E+01	0.00E+00	0.00E+00	1.17E+01	3.86E+00	7.85E-01
05.06.2010	1.45E+01	0.00E+00	0.00E+00	9.61E+00	3.31E+00	7.15E-01	1.48E+01	0.00E+00	0.00E+00	9.78E+00	3.37E+00	7.28E-01
06.06.2010	1.27E+01	0.00E+00	0.00E+00	8.01E+00	2.88E+00	6.63E-01	1.29E+01	0.00E+00	0.00E+00	8.15E+00	2.93E+00	6.74E-01
07.06.2010	1.11E+01	0.00E+00	0.00E+00	6.64E+00	2.52E+00	6.14E-01	1.13E+01	0.00E+00	0.00E+00	6.75E+00	2.56E+00	6.24E-01
08.06.2010	9.66E+00	0.00E+00	0.00E+00	5.47E+00	2.20E+00	5.68E-01	9.83E+00	0.00E+00	0.00E+00	5.56E+00	2.23E+00	5.78E-01
09.06.2010	8.45E+00	0.00E+00	0.00E+00	4.47E+00	1.92E+00	5.25E-01	8.60E+00	0.00E+00	0.00E+00	4.55E+00	1.95E+00	5.34E-01
10.06.2010	7.39E+00	0.00E+00	0.00E+00	3.63E+00	1.68E+00	4.85E-01	7.52E+00	0.00E+00	0.00E+00	3.70E+00	1.71E+00	4.93E-01

Day	Grass I131 Sandy	Hay I131Sandy	Wwheat I131 Sandy	LeafyI131 Sandy	CowMilk I131 Sandy	Lamb I131 Sandy	Grass I131 Clay	Hay I131 Clay	Wwheat I131 Clay	LeafyI131 Clay	CowMilk I131 Clay	Lamb I131 Clay
11.06.2010	6.46E+00	0.00E+00	0.00E+00	2.92E+00	1.47E+00	4.48E-01	6.58E+00	0.00E+00	0.00E+00	2.97E+00	1.49E+00	4.56E-01
12.06.2010	5.66E+00	0.00E+00	0.00E+00	2.32E+00	1.28E+00	4.13E-01	5.76E+00	0.00E+00	0.00E+00	2.36E+00	1.30E+00	4.20E-01
13.06.2010	4.96E+00	0.00E+00	0.00E+00	1.81E+00	1.12E+00	3.81E-01	5.05E+00	0.00E+00	0.00E+00	1.84E+00	1.14E+00	3.88E-01
14.06.2010	4.35E+00	0.00E+00	0.00E+00	1.39E+00	9.82E-01	3.51E-01	4.42E+00	0.00E+00	0.00E+00	1.41E+00	1.00E+00	3.57E-01
15.06.2010	3.81E+00	0.00E+00	0.00E+00	1.04E+00	8.61E-01	3.24E-01	3.88E+00	0.00E+00	0.00E+00	1.05E+00	8.76E-01	3.29E-01
16.06.2010	3.35E+00	0.00E+00	0.00E+00	7.43E-01	7.55E-01	2.98E-01	3.41E+00	0.00E+00	0.00E+00	7.56E-01	7.68E-01	3.03E-01
17.06.2010	2.94E+00	0.00E+00	0.00E+00	5.01E-01	6.62E-01	2.74E-01	2.99E+00	0.00E+00	0.00E+00	5.10E-01	6.74E-01	2.79E-01
18.06.2010	2.58E+00	0.00E+00	0.00E+00	3.03E-01	5.81E-01	2.53E-01	2.63E+00	0.00E+00	0.00E+00	3.08E-01	5.92E-01	2.57E-01
19.06.2010	2.27E+00	0.00E+00	0.00E+00	1.42E-01	5.11E-01	2.32E-01	2.31E+00	0.00E+00	0.00E+00	1.44E-01	5.20E-01	2.36E-01
20.06.2010	2.00E+00	0.00E+00	0.00E+00	1.18E-02	4.49E-01	2.14E-01	2.03E+00	0.00E+00	0.00E+00	1.20E-02	4.57E-01	2.17E-01
21.06.2010	1.76E+00	0.00E+00	0.00E+00	1.08E-02	3.95E-01	1.96E-01	1.79E+00	0.00E+00	0.00E+00	1.10E-02	4.02E-01	2.00E-01
22.06.2010	1.55E+00	0.00E+00	0.00E+00	9.91E-03	3.47E-01	1.81E-01	1.58E+00	0.00E+00	0.00E+00	1.01E-02	3.53E-01	1.84E-01
23.06.2010	1.36E+00	0.00E+00	0.00E+00	9.09E-03	3.06E-01	1.66E-01	1.39E+00	0.00E+00	0.00E+00	9.25E-03	3.11E-01	1.69E-01
24.06.2010	1.20E+00	0.00E+00	0.00E+00	8.33E-03	2.69E-01	1.52E-01	1.22E+00	0.00E+00	0.00E+00	8.48E-03	2.74E-01	1.55E-01
25.06.2010	1.06E+00	0.00E+00	0.00E+00	7.64E-03	2.37E-01	1.40E-01	1.08E+00	0.00E+00	0.00E+00	7.78E-03	2.42E-01	1.42E-01
01.07.2010	5.09E-01	0.00E+00	0.00E+00	4.55E-03	1.33E-01	8.37E-02	5.18E-01	0.00E+00	0.00E+00	4.63E-03	1.35E-01	8.51E-02
08.07.2010	2.22E-01	0.00E+00	0.00E+00	2.48E-03	5.83E-02	4.55E-02	2.26E-01	0.00E+00	0.00E+00	2.52E-03	5.93E-02	4.63E-02
15.07.2010	9.99E-02	0.00E+00	0.00E+00	1.35E-03	2.54E-02	2.45E-02	1.02E-01	0.00E+00	0.00E+00	1.38E-03	2.59E-02	2.49E-02
01.08.2010	1.59E-02	0.00E+00	0.00E+00	3.11E-04	4.82E-03	5.38E-03	1.62E-02	0.00E+00	0.00E+00	3.16E-04	4.90E-03	5.48E-03
01.09.2010	7.00E-04	0.00E+00	4.70E-03	2.12E-05	2.28E-04	3.25E-04	7.12E-04	0.00E+00	4.78E-03	2.16E-05	2.32E-04	3.30E-04
01.10.2010	3.71E-05	1.88E-03	3.39E-05	1.58E-06	1.10E-05	2.07E-05	3.77E-05	1.91E-03	3.45E-05	1.61E-06	1.12E-05	2.10E-05
01.11.2010	1.84E-06	1.28E-04	2.32E-06	1.08E-07	5.32E-07	1.11E-06	1.88E-06	1.31E-04	2.36E-06	1.10E-07	5.41E-07	1.13E-06
01.12.2010	1.03E-07	9.58E-06	1.73E-07	8.06E-09	2.34E-07	5.71E-08	1.05E-07	9.75E-06	1.76E-07	8.20E-09	2.38E-07	5.81E-08
01.01.2011	5.34E-09	6.55E-07	1.18E-08	5.51E-10	2.75E-08	5.24E-09	5.44E-09	6.67E-07	1.20E-08	5.61E-10	2.80E-08	5.33E-09
01.02.2011	2.85E-10	4.48E-08	8.08E-10	3.76E-11	1.88E-09	4.63E-10	2.90E-10	4.56E-08	8.22E-10	3.83E-11	1.92E-09	4.71E-10
01.03.2011	2.06E-11	3.97E-09	7.16E-11	3.34E-12	1.67E-10	4.87E-11	2.10E-11	4.04E-09	7.29E-11	3.39E-12	1.70E-10	4.96E-11
01.04.2011	1.16E-12	2.72E-10	4.90E-12	2.28E-13	1.14E-11	3.85E-12	1.18E-12	2.76E-10	4.98E-12	2.32E-13	1.16E-11	3.92E-12
01.05.2011	7.42E-14	2.03E-11	3.65E-13	1.70E-14	8.51E-13	3.18E-13	7.55E-14	2.06E-11	3.72E-13	1.73E-14	8.66E-13	3.24E-13

Day	Grass I131 Sandy	Hay I131Sandy	Wwheat I131 Sandy	LeafyI131 Sandy	CowMilk I131 Sandy	Lamb I131 Sandy	Grass I131 Clay	Hay I131 Clay	Wwheat I131 Clay	LeafyI131 Clay	CowMilk I131 Clay	Lamb I131 Clay
01.06.2011	4.45E-15	1.39E-12	2.50E-14	1.16E-15	2.96E-14	1.96E-14	4.53E-15	1.41E-12	2.54E-14	1.18E-15	3.01E-14	1.99E-14
01.07.2011	3.00E-16	1.03E-13	1.86E-15	8.65E-17	6.97E-17	1.06E-15	3.05E-16	1.05E-13	1.89E-15	8.81E-17	7.09E-17	1.08E-15
01.08.2011	1.89E-17	7.06E-15	1.27E-16	5.91E-18	4.31E-18	4.98E-17	1.93E-17	7.19E-15	1.30E-16	6.02E-18	4.39E-18	5.07E-17
01.09.2011	1.22E-18	4.83E-16	4.18E-18	4.04E-19	2.72E-19	2.15E-18	1.24E-18	4.92E-16	4.26E-18	4.11E-19	2.77E-19	2.18E-18
01.10.2011	8.71E-20	5.24E-19	3.02E-20	3.01E-20	1.91E-20	8.64E-20	8.86E-20	5.33E-19	3.07E-20	3.07E-20	1.94E-20	8.79E-20
01.11.2011	5.76E-21	3.58E-20	2.06E-21	2.06E-21	1.25E-21	1.91E-21	5.86E-21	3.64E-20	2.10E-21	2.10E-21	1.27E-21	1.95E-21
01.12.2011	4.19E-22	2.67E-21	1.54E-22	1.53E-22	1.02E-22	1.87E-23	4.27E-22	2.72E-21	1.56E-22	1.56E-22	1.04E-22	1.90E-23
01.01.2012	2.82E-23	1.83E-22	1.05E-23	1.05E-23	7.67E-24	1.29E-24	2.87E-23	1.86E-22	1.07E-23	1.07E-23	7.80E-24	1.32E-24
01.02.2012	1.90E-24	1.25E-23	7.19E-25	7.17E-25	5.24E-25	9.03E-26	1.93E-24	1.27E-23	7.32E-25	7.29E-25	5.34E-25	9.19E-26
01.03.2012	1.53E-25	1.02E-24	5.85E-26	5.82E-26	4.26E-26	7.51E-27	1.56E-25	1.03E-24	5.95E-26	5.93E-26	4.34E-26	7.64E-27
01.04.2012	1.04E-26	6.94E-26	4.00E-27	3.98E-27	2.92E-27	5.27E-28	1.06E-26	7.06E-26	4.07E-27	4.05E-27	2.97E-27	5.36E-28
01.05.2012	7.63E-28	5.18E-27	2.97E-28	2.97E-28	2.17E-28	4.01E-29	7.76E-28	5.27E-27	3.02E-28	3.02E-28	2.21E-28	4.08E-29
01.05.2013	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Sr-90 concentration in various plant and animal products for sandy and clay soils (initial deposition: 1000 Bq/m²)

Day	Grass Sr90 Sandy	Hay Sr90 Sandy	wWheat Sr90 Sandy	Leafy Sr90 Sandy	Cow Milk Sr90 Sandy	Lamb Sr90 Sandy	Grass Sr90Clay	HaySr90 Clay	Wwheat Sr90 Clay	Leafy Sr90Clay	Cow Milk Sr90 Clay	Lamb Sr90Clay
01.05.2010	1.35E+03	0.00E+00	0.00E+00	1.47E+03	0.00E+00	0.00E+00	1.34E+03	0.00E+00	0.00E+00	1.47E+03	0.00E+00	0.00E+00
02.05.2010	1.26E+03	0.00E+00	0.00E+00	1.40E+03	1.83E+01	2.46E-01	1.26E+03	0.00E+00	0.00E+00	1.40E+03	1.83E+01	2.46E-01
03.05.2010	1.19E+03	0.00E+00	0.00E+00	1.34E+03	3.27E+01	4.84E-01	1.19E+03	0.00E+00	0.00E+00	1.34E+03	3.27E+01	4.83E-01
04.05.2010	1.12E+03	0.00E+00	0.00E+00	1.27E+03	4.46E+01	7.21E-01	1.11E+03	0.00E+00	0.00E+00	1.27E+03	4.45E+01	7.20E-01
05.05.2010	1.05E+03	0.00E+00	0.00E+00	1.21E+03	5.43E+01	9.56E-01	1.05E+03	0.00E+00	0.00E+00	1.21E+03	5.43E+01	9.55E-01
06.05.2010	9.85E+02	0.00E+00	0.00E+00	1.15E+03	6.23E+01	1.19E+00	9.84E+02	0.00E+00	0.00E+00	1.15E+03	6.22E+01	1.19E+00
07.05.2010	9.26E+02	0.00E+00	0.00E+00	1.10E+03	6.88E+01	1.42E+00	9.25E+02	0.00E+00	0.00E+00	1.10E+03	6.87E+01	1.42E+00
08.05.2010	8.70E+02	0.00E+00	0.00E+00	1.04E+03	7.40E+01	1.64E+00	8.69E+02	0.00E+00	0.00E+00	1.04E+03	7.39E+01	1.64E+00
09.05.2010	8.17E+02	0.00E+00	0.00E+00	9.90E+02	7.81E+01	1.86E+00	8.16E+02	0.00E+00	0.00E+00	9.89E+02	7.80E+01	1.86E+00
10.05.2010	7.68E+02	0.00E+00	0.00E+00	9.40E+02	8.13E+01	2.08E+00	7.67E+02	0.00E+00	0.00E+00	9.39E+02	8.12E+01	2.08E+00
11.05.2010	7.22E+02	0.00E+00	0.00E+00	8.92E+02	8.37E+01	2.29E+00	7.21E+02	0.00E+00	0.00E+00	8.91E+02	8.36E+01	2.29E+00
12.05.2010	6.78E+02	0.00E+00	0.00E+00	8.46E+02	8.54E+01	2.49E+00	6.78E+02	0.00E+00	0.00E+00	8.45E+02	8.53E+01	2.49E+00
13.05.2010	6.38E+02	0.00E+00	0.00E+00	8.02E+02	8.56E+01	2.67E+00	6.37E+02	0.00E+00	0.00E+00	8.01E+02	8.55E+01	2.67E+00
14.05.2010	5.99E+02	0.00E+00	0.00E+00	7.60E+02	8.47E+01	2.83E+00	5.99E+02	0.00E+00	0.00E+00	7.59E+02	8.46E+01	2.83E+00
15.05.2010	5.63E+02	0.00E+00	0.00E+00	7.19E+02	8.31E+01	2.98E+00	5.63E+02	0.00E+00	0.00E+00	7.18E+02	8.30E+01	2.98E+00
16.05.2010	5.29E+02	0.00E+00	0.00E+00	6.80E+02	8.08E+01	3.11E+00	5.29E+02	0.00E+00	0.00E+00	6.79E+02	8.07E+01	3.10E+00
17.05.2010	4.98E+02	0.00E+00	0.00E+00	6.42E+02	7.81E+01	3.22E+00	4.97E+02	0.00E+00	0.00E+00	6.42E+02	7.80E+01	3.21E+00
18.05.2010	4.68E+02	0.00E+00	0.00E+00	6.06E+02	7.52E+01	3.31E+00	4.67E+02	0.00E+00	0.00E+00	6.06E+02	7.51E+01	3.31E+00
19.05.2010	4.40E+02	0.00E+00	0.00E+00	5.72E+02	7.21E+01	3.40E+00	4.39E+02	0.00E+00	0.00E+00	5.71E+02	7.20E+01	3.40E+00
20.05.2010	4.14E+02	0.00E+00	0.00E+00	5.39E+02	6.89E+01	3.47E+00	4.13E+02	0.00E+00	0.00E+00	5.39E+02	6.88E+01	3.47E+00
21.05.2010	3.89E+02	0.00E+00	0.00E+00	5.08E+02	6.57E+01	3.53E+00	3.89E+02	0.00E+00	0.00E+00	5.07E+02	6.56E+01	3.53E+00
22.05.2010	3.66E+02	0.00E+00	0.00E+00	4.77E+02	6.25E+01	3.59E+00	3.65E+02	0.00E+00	0.00E+00	4.77E+02	6.25E+01	3.58E+00
23.05.2010	3.44E+02	0.00E+00	0.00E+00	4.48E+02	5.94E+01	3.63E+00	3.44E+02	0.00E+00	0.00E+00	4.48E+02	5.93E+01	3.63E+00
24.05.2010	3.24E+02	0.00E+00	0.00E+00	4.21E+02	5.64E+01	3.67E+00	3.23E+02	0.00E+00	0.00E+00	4.20E+02	5.63E+01	3.66E+00

Day	Grass Sr90 Sandy	Hay Sr90 Sandy	wWheat Sr90 Sandy	Leafy Sr90 Sandy	Cow Milk Sr90 Sandy	Lamb Sr90 Sandy	Grass Sr90Clay	HaySr90 Clay	Wwheat Sr90 Clay	Leafy Sr90Clay	Cow Milk Sr90 Clay	Lamb Sr90Clay
25.05.2010	3.04E+02	0.00E+00	0.00E+00	3.94E+02	5.34E+01	3.69E+00	3.04E+02	0.00E+00	0.00E+00	3.94E+02	5.34E+01	3.69E+00
26.05.2010	2.86E+02	0.00E+00	0.00E+00	3.69E+02	5.06E+01	3.72E+00	2.86E+02	0.00E+00	0.00E+00	3.68E+02	5.05E+01	3.71E+00
27.05.2010	2.70E+02	0.00E+00	0.00E+00	3.44E+02	4.79E+01	3.73E+00	2.69E+02	0.00E+00	0.00E+00	3.44E+02	4.78E+01	3.73E+00
28.05.2010	2.54E+02	0.00E+00	0.00E+00	3.21E+02	4.53E+01	3.74E+00	2.53E+02	0.00E+00	0.00E+00	3.21E+02	4.52E+01	3.74E+00
29.05.2010	2.39E+02	0.00E+00	0.00E+00	2.99E+02	4.28E+01	3.75E+00	2.39E+02	0.00E+00	0.00E+00	2.99E+02	4.28E+01	3.74E+00
30.05.2010	2.25E+02	0.00E+00	0.00E+00	2.78E+02	4.05E+01	3.75E+00	2.25E+02	0.00E+00	0.00E+00	2.77E+02	4.04E+01	3.74E+00
31.05.2010	2.12E+02	0.00E+00	0.00E+00	2.57E+02	3.83E+01	3.74E+00	2.11E+02	0.00E+00	0.00E+00	2.57E+02	3.82E+01	3.74E+00
01.06.2010	1.99E+02	0.00E+00	0.00E+00	2.38E+02	3.62E+01	3.73E+00	1.99E+02	0.00E+00	0.00E+00	2.38E+02	3.61E+01	3.73E+00
02.06.2010	1.88E+02	0.00E+00	0.00E+00	2.19E+02	3.42E+01	3.72E+00	1.88E+02	0.00E+00	0.00E+00	2.19E+02	3.41E+01	3.72E+00
03.06.2010	1.77E+02	0.00E+00	0.00E+00	2.02E+02	3.23E+01	3.71E+00	1.77E+02	0.00E+00	0.00E+00	2.02E+02	3.23E+01	3.71E+00
04.06.2010	1.67E+02	0.00E+00	0.00E+00	1.85E+02	3.05E+01	3.70E+00	1.67E+02	0.00E+00	0.00E+00	1.85E+02	3.05E+01	3.69E+00
05.06.2010	1.57E+02	0.00E+00	0.00E+00	1.69E+02	2.88E+01	3.68E+00	1.57E+02	0.00E+00	0.00E+00	1.69E+02	2.88E+01	3.67E+00
06.06.2010	1.48E+02	0.00E+00	0.00E+00	1.53E+02	2.73E+01	3.66E+00	1.48E+02	0.00E+00	0.00E+00	1.53E+02	2.72E+01	3.65E+00
07.06.2010	1.40E+02	0.00E+00	0.00E+00	1.39E+02	2.58E+01	3.64E+00	1.40E+02	0.00E+00	0.00E+00	1.39E+02	2.58E+01	3.63E+00
08.06.2010	1.32E+02	0.00E+00	0.00E+00	1.25E+02	2.44E+01	3.62E+00	1.32E+02	0.00E+00	0.00E+00	1.25E+02	2.44E+01	3.61E+00
09.06.2010	1.24E+02	0.00E+00	0.00E+00	1.12E+02	2.31E+01	3.59E+00	1.24E+02	0.00E+00	0.00E+00	1.11E+02	2.31E+01	3.59E+00
10.06.2010	1.18E+02	0.00E+00	0.00E+00	9.89E+01	2.18E+01	3.57E+00	1.17E+02	0.00E+00	0.00E+00	9.88E+01	2.18E+01	3.56E+00
11.06.2010	1.11E+02	0.00E+00	0.00E+00	8.69E+01	2.07E+01	3.54E+00	1.11E+02	0.00E+00	0.00E+00	8.68E+01	2.07E+01	3.54E+00
12.06.2010	1.05E+02	0.00E+00	0.00E+00	7.55E+01	1.96E+01	3.52E+00	1.05E+02	0.00E+00	0.00E+00	7.54E+01	1.96E+01	3.51E+00
13.06.2010	9.92E+01	0.00E+00	0.00E+00	6.46E+01	1.86E+01	3.49E+00	9.91E+01	0.00E+00	0.00E+00	6.46E+01	1.86E+01	3.48E+00
14.06.2010	9.38E+01	0.00E+00	0.00E+00	5.43E+01	1.76E+01	3.46E+00	9.37E+01	0.00E+00	0.00E+00	5.43E+01	1.76E+01	3.46E+00
15.06.2010	8.88E+01	0.00E+00	0.00E+00	4.45E+01	1.67E+01	3.43E+00	8.87E+01	0.00E+00	0.00E+00	4.45E+01	1.67E+01	3.43E+00
16.06.2010	8.40E+01	0.00E+00	0.00E+00	3.52E+01	1.59E+01	3.40E+00	8.39E+01	0.00E+00	0.00E+00	3.52E+01	1.58E+01	3.40E+00
17.06.2010	7.96E+01	0.00E+00	0.00E+00	2.64E+01	1.51E+01	3.38E+00	7.95E+01	0.00E+00	0.00E+00	2.64E+01	1.50E+01	3.37E+00
18.06.2010	7.53E+01	0.00E+00	0.00E+00	1.80E+01	1.43E+01	3.35E+00	7.52E+01	0.00E+00	0.00E+00	1.80E+01	1.43E+01	3.34E+00
19.06.2010	7.12E+01	0.00E+00	0.00E+00	1.01E+01	1.36E+01	3.32E+00	7.12E+01	0.00E+00	0.00E+00	1.01E+01	1.36E+01	3.31E+00
20.06.2010	6.74E+01	0.00E+00	0.00E+00	2.64E+00	1.29E+01	3.29E+00	6.73E+01	0.00E+00	0.00E+00	2.64E+00	1.29E+01	3.28E+00
21.06.2010	6.38E+01	0.00E+00	0.00E+00	2.64E+00	1.23E+01	3.26E+00	6.38E+01	0.00E+00	0.00E+00	2.64E+00	1.23E+01	3.25E+00

Day	Grass Sr90 Sandy	Hay Sr90 Sandy	wWheat Sr90 Sandy	Leafy Sr90 Sandy	Cow Milk Sr90 Sandy	Lamb Sr90 Sandy	Grass Sr90Clay	HaySr90 Clay	Wwheat Sr90 Clay	Leafy Sr90Clay	Cow Milk Sr90 Clay	Lamb Sr90Clay
22.06.2010	6.05E+01	0.00E+00	0.00E+00	2.64E+00	1.17E+01	3.23E+00	6.04E+01	0.00E+00	0.00E+00	2.64E+00	1.17E+01	3.22E+00
23.06.2010	5.73E+01	0.00E+00	0.00E+00	2.64E+00	1.12E+01	3.20E+00	5.72E+01	0.00E+00	0.00E+00	2.64E+00	1.11E+01	3.20E+00
24.06.2010	5.43E+01	0.00E+00	0.00E+00	2.64E+00	1.06E+01	3.17E+00	5.43E+01	0.00E+00	0.00E+00	2.64E+00	1.06E+01	3.17E+00
25.06.2010	5.15E+01	0.00E+00	0.00E+00	2.64E+00	1.01E+01	3.14E+00	5.15E+01	0.00E+00	0.00E+00	2.64E+00	1.01E+01	3.14E+00
01.07.2010	3.80E+01	0.00E+00	0.00E+00	2.64E+00	8.41E+00	2.99E+00	3.80E+01	0.00E+00	0.00E+00	2.63E+00	8.40E+00	2.99E+00
08.07.2010	2.75E+01	0.00E+00	0.00E+00	2.63E+00	6.56E+00	2.82E+00	2.74E+01	0.00E+00	0.00E+00	2.63E+00	6.55E+00	2.82E+00
15.07.2010	2.06E+01	0.00E+00	0.00E+00	2.63E+00	5.09E+00	2.65E+00	2.06E+01	0.00E+00	0.00E+00	2.63E+00	5.08E+00	2.65E+00
01.08.2010	1.25E+01	0.00E+00	0.00E+00	2.62E+00	3.79E+00	2.34E+00	1.25E+01	0.00E+00	0.00E+00	2.62E+00	3.78E+00	2.34E+00
01.09.2010	9.04E+00	0.00E+00	1.32E+00	2.61E+00	2.54E+00	1.91E+00	9.03E+00	0.00E+00	1.32E+00	2.60E+00	2.54E+00	1.91E+00
01.10.2010	8.32E+00	5.44E+02	1.31E+00	2.59E+00	1.95E+00	1.56E+00	8.31E+00	5.43E+02	1.31E+00	2.59E+00	1.95E+00	1.56E+00
01.11.2010	8.13E+00	5.42E+02	1.31E+00	2.57E+00	1.72E+00	1.21E+00	8.12E+00	5.42E+02	1.31E+00	2.57E+00	1.72E+00	1.20E+00
01.12.2010	8.01E+00	5.41E+02	1.31E+00	2.56E+00	8.67E+00	1.17E+00	8.00E+00	5.41E+02	1.31E+00	2.56E+00	8.66E+00	1.17E+00
01.01.2011	7.92E+00	5.40E+02	1.31E+00	2.54E+00	1.45E+01	1.76E+00	7.92E+00	5.40E+02	1.31E+00	2.54E+00	1.45E+01	1.75E+00
01.02.2011	7.85E+00	5.39E+02	1.30E+00	2.53E+00	1.46E+01	2.11E+00	7.84E+00	5.39E+02	1.30E+00	2.53E+00	1.46E+01	2.10E+00
01.03.2011	7.79E+00	5.38E+02	1.30E+00	2.52E+00	1.46E+01	2.36E+00	7.78E+00	5.38E+02	1.30E+00	2.51E+00	1.46E+01	2.36E+00
01.04.2011	7.73E+00	5.37E+02	1.30E+00	2.50E+00	1.47E+01	2.61E+00	7.72E+00	5.37E+02	1.30E+00	2.50E+00	1.47E+01	2.61E+00
01.05.2011	7.67E+00	5.36E+02	1.30E+00	2.49E+00	1.47E+01	2.80E+00	7.66E+00	5.35E+02	1.29E+00	2.48E+00	1.47E+01	2.80E+00
01.06.2011	7.61E+00	5.35E+02	1.29E+00	2.47E+00	8.37E+00	2.29E+00	7.60E+00	5.34E+02	1.29E+00	2.47E+00	8.36E+00	2.29E+00
01.07.2011	7.55E+00	5.34E+02	1.29E+00	2.46E+00	1.91E+00	1.47E+00	7.55E+00	5.33E+02	1.29E+00	2.45E+00	1.90E+00	1.47E+00
01.08.2011	7.49E+00	5.33E+02	1.29E+00	2.44E+00	1.73E+00	1.03E+00	7.49E+00	5.32E+02	1.29E+00	2.44E+00	1.73E+00	1.03E+00
01.09.2011	7.44E+00	5.32E+02	1.23E+00	2.43E+00	1.59E+00	7.03E-01	7.43E+00	5.31E+02	1.23E+00	2.42E+00	1.59E+00	7.03E-01
01.10.2011	7.38E+00	3.75E+01	1.22E+00	2.41E+00	1.48E+00	4.51E-01	7.37E+00	3.75E+01	1.22E+00	2.41E+00	1.48E+00	4.51E-01
01.11.2011	7.32E+00	3.74E+01	1.22E+00	2.40E+00	1.39E+00	2.52E-01	7.31E+00	3.74E+01	1.22E+00	2.40E+00	1.38E+00	2.52E-01
01.12.2011	7.27E+00	3.73E+01	1.22E+00	2.38E+00	1.32E+00	1.70E-01	7.26E+00	3.73E+01	1.22E+00	2.38E+00	1.32E+00	1.70E-01
01.01.2012	7.21E+00	3.73E+01	1.22E+00	2.37E+00	1.27E+00	1.70E-01	7.20E+00	3.72E+01	1.22E+00	2.37E+00	1.27E+00	1.70E-01
01.02.2012	7.15E+00	3.72E+01	1.21E+00	2.36E+00	1.23E+00	1.70E-01	7.15E+00	3.72E+01	1.21E+00	2.35E+00	1.23E+00	1.70E-01
01.03.2012	7.10E+00	3.71E+01	1.21E+00	2.34E+00	1.19E+00	1.70E-01	7.09E+00	3.71E+01	1.21E+00	2.34E+00	1.19E+00	1.69E-01
01.04.2012	7.05E+00	3.70E+01	1.21E+00	2.33E+00	1.16E+00	1.70E-01	7.04E+00	3.70E+01	1.21E+00	2.33E+00	1.16E+00	1.69E-01

Day	Grass Sr90 Sandy	Hay Sr90 Sandy	wWheat Sr90 Sandy	Leafy Sr90 Sandy	Cow Milk Sr90 Sandy	Lamb Sr90 Sandy	Grass Sr90Clay	HaySr90 Clay	Wwheat Sr90 Clay	Leafy Sr90Clay	Cow Milk Sr90 Clay	Lamb Sr90Clay
01.05.2012	6.99E+00	3.70E+01	1.17E+00	2.31E+00	1.13E+00	1.69E-01	6.99E+00	3.69E+01	1.16E+00	2.31E+00	1.13E+00	1.69E-01
01.05.2013	6.38E+00	3.19E+01	1.09E+00	2.15E+00	8.92E-01	1.46E-01	6.37E+00	3.18E+01	1.08E+00	2.15E+00	8.91E-01	1.45E-01
01.05.2014	5.81E+00	2.91E+01	1.01E+00	2.01E+00	8.13E-01	1.33E-01	5.81E+00	2.90E+01	1.01E+00	2.00E+00	8.12E-01	1.33E-01
01.05.2015	5.30E+00	2.65E+01	9.41E-01	1.87E+00	7.41E-01	1.21E-01	5.30E+00	2.65E+01	9.40E-01	1.87E+00	7.41E-01	1.21E-01
01.05.2020	3.34E+00	1.67E+01	6.59E-01	1.31E+00	4.67E-01	7.63E-02	3.34E+00	1.67E+01	6.58E-01	1.31E+00	4.67E-01	7.62E-02
01.05.2030	1.33E+00	6.64E+00	3.23E-01	6.41E-01	1.86E-01	3.03E-02	1.33E+00	6.63E+00	3.23E-01	6.40E-01	1.85E-01	3.03E-02
01.05.2040	5.27E-01	2.64E+00	1.58E-01	3.14E-01	7.37E-02	1.20E-02	5.27E-01	2.63E+00	1.58E-01	3.14E-01	7.36E-02	1.20E-02
01.05.2050	2.09E-01	1.05E+00	7.76E-02	1.54E-01	2.93E-02	4.78E-03	2.09E-01	1.05E+00	7.75E-02	1.54E-01	2.93E-02	4.78E-03
01.05.2060	8.32E-02	4.16E-01	3.80E-02	7.54E-02	1.16E-02	1.90E-03	8.31E-02	4.16E-01	3.80E-02	7.54E-02	1.16E-02	1.90E-03
01.05.2070	3.31E-02	1.65E-01	1.86E-02	3.70E-02	4.62E-03	7.55E-04	3.30E-02	1.65E-01	1.86E-02	3.69E-02	4.62E-03	7.54E-04
01.05.2080	1.31E-02	6.56E-02	9.13E-03	1.81E-02	1.84E-03	3.00E-04	1.31E-02	6.56E-02	9.12E-03	1.81E-02	1.83E-03	3.00E-04
01.05.2090	5.22E-03	2.61E-02	4.47E-03	8.88E-03	7.29E-04	1.19E-04	5.21E-03	2.60E-02	4.47E-03	8.87E-03	7.29E-04	1.19E-04
01.05.2100	2.07E-03	1.04E-02	2.19E-03	4.35E-03	2.90E-04	4.73E-05	2.07E-03	1.03E-02	2.19E-03	4.35E-03	2.89E-04	4.73E-05
01.05.2110	8.23E-04	4.12E-03	1.07E-03	2.13E-03	1.15E-04	1.88E-05	8.22E-04	4.11E-03	1.07E-03	2.13E-03	1.15E-04	1.88E-05
0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Cs-137 concentration in various plant and animal products for sandy and clay soils (initial deposition: 1000 Bq/m²)

Day	Grass Cs137 Sandy	Hay Cs137 Sandy	Wwheat Cs137 Sandy	Leafy Cs137 Sandy	CowMilk Cs137 Sandy	Lamb Cs137 Sandy	Grass Cs137 Clay	Hay Cs137 Clay	Wwheat Cs137 Clay	Leafy Cs137 Clay	CowMilk Cs137 Clay	Lamb Cs137 Clay
01.05.2010	1.35E+03	0.00E+00	0.00E+00	1.47E+03	0.00E+00	0.00E+00	1.34E+03	0.00E+00	0.00E+00	1.47E+03	0.00E+00	0.00E+00
02.05.2010	1.27E+03	0.00E+00	0.00E+00	1.40E+03	4.50E+01	7.40E+01	1.26E+03	0.00E+00	0.00E+00	1.40E+03	4.48E+01	7.37E+01
03.05.2010	1.19E+03	0.00E+00	0.00E+00	1.34E+03	7.35E+01	1.47E+02	1.19E+03	0.00E+00	0.00E+00	1.33E+03	7.32E+01	1.46E+02
04.05.2010	1.13E+03	0.00E+00	0.00E+00	1.27E+03	9.30E+01	2.20E+02	1.12E+03	0.00E+00	0.00E+00	1.27E+03	9.26E+01	2.19E+02
05.05.2010	1.06E+03	0.00E+00	0.00E+00	1.21E+03	1.07E+02	2.94E+02	1.06E+03	0.00E+00	0.00E+00	1.21E+03	1.06E+02	2.93E+02
06.05.2010	9.99E+02	0.00E+00	0.00E+00	1.15E+03	1.16E+02	3.69E+02	9.95E+02	0.00E+00	0.00E+00	1.15E+03	1.16E+02	3.67E+02
07.05.2010	9.42E+02	0.00E+00	0.00E+00	1.10E+03	1.23E+02	4.43E+02	9.38E+02	0.00E+00	0.00E+00	1.09E+03	1.23E+02	4.41E+02
08.05.2010	8.88E+02	0.00E+00	0.00E+00	1.04E+03	1.28E+02	5.17E+02	8.84E+02	0.00E+00	0.00E+00	1.04E+03	1.28E+02	5.15E+02
09.05.2010	8.37E+02	0.00E+00	0.00E+00	9.91E+02	1.32E+02	5.90E+02	8.34E+02	0.00E+00	0.00E+00	9.87E+02	1.31E+02	5.87E+02
10.05.2010	7.90E+02	0.00E+00	0.00E+00	9.41E+02	1.34E+02	6.62E+02	7.86E+02	0.00E+00	0.00E+00	9.37E+02	1.34E+02	6.59E+02
11.05.2010	7.45E+02	0.00E+00	0.00E+00	8.92E+02	1.36E+02	7.33E+02	7.42E+02	0.00E+00	0.00E+00	8.89E+02	1.36E+02	7.30E+02
12.05.2010	7.03E+02	0.00E+00	0.00E+00	8.46E+02	1.37E+02	8.02E+02	7.00E+02	0.00E+00	0.00E+00	8.43E+02	1.37E+02	7.99E+02
13.05.2010	6.63E+02	0.00E+00	0.00E+00	8.02E+02	1.35E+02	8.65E+02	6.60E+02	0.00E+00	0.00E+00	7.99E+02	1.35E+02	8.62E+02
14.05.2010	6.26E+02	0.00E+00	0.00E+00	7.60E+02	1.32E+02	9.23E+02	6.23E+02	0.00E+00	0.00E+00	7.56E+02	1.32E+02	9.19E+02
15.05.2010	5.91E+02	0.00E+00	0.00E+00	7.19E+02	1.28E+02	9.75E+02	5.88E+02	0.00E+00	0.00E+00	7.16E+02	1.27E+02	9.71E+02
16.05.2010	5.58E+02	0.00E+00	0.00E+00	6.80E+02	1.23E+02	1.02E+03	5.55E+02	0.00E+00	0.00E+00	6.77E+02	1.22E+02	1.02E+03
17.05.2010	5.27E+02	0.00E+00	0.00E+00	6.42E+02	1.18E+02	1.06E+03	5.25E+02	0.00E+00	0.00E+00	6.39E+02	1.18E+02	1.06E+03
18.05.2010	4.98E+02	0.00E+00	0.00E+00	6.06E+02	1.13E+02	1.10E+03	4.96E+02	0.00E+00	0.00E+00	6.04E+02	1.13E+02	1.10E+03
19.05.2010	4.70E+02	0.00E+00	0.00E+00	5.72E+02	1.08E+02	1.14E+03	4.68E+02	0.00E+00	0.00E+00	5.69E+02	1.08E+02	1.13E+03
20.05.2010	4.44E+02	0.00E+00	0.00E+00	5.39E+02	1.03E+02	1.17E+03	4.43E+02	0.00E+00	0.00E+00	5.36E+02	1.03E+02	1.16E+03
21.05.2010	4.20E+02	0.00E+00	0.00E+00	5.07E+02	9.88E+01	1.19E+03	4.19E+02	0.00E+00	0.00E+00	5.05E+02	9.83E+01	1.19E+03
22.05.2010	3.97E+02	0.00E+00	0.00E+00	4.77E+02	9.43E+01	1.21E+03	3.96E+02	0.00E+00	0.00E+00	4.75E+02	9.40E+01	1.21E+03
23.05.2010	3.76E+02	0.00E+00	0.00E+00	4.48E+02	9.01E+01	1.23E+03	3.74E+02	0.00E+00	0.00E+00	4.46E+02	8.98E+01	1.23E+03
24.05.2010	3.56E+02	0.00E+00	0.00E+00	4.20E+02	8.61E+01	1.25E+03	3.54E+02	0.00E+00	0.00E+00	4.18E+02	8.58E+01	1.24E+03
25.05.2010	3.37E+02	0.00E+00	0.00E+00	3.93E+02	8.23E+01	1.26E+03	3.35E+02	0.00E+00	0.00E+00	3.92E+02	8.19E+01	1.26E+03

26.05.2010	3.19E+02	0.00E+00	0.00E+00	3.68E+02	7.86E+01	1.27E+03	3.18E+02	0.00E+00	0.00E+00	3.66E+02	7.83E+01	1.27E+03
27.05.2010	3.02E+02	0.00E+00	0.00E+00	3.43E+02	7.52E+01	1.28E+03	3.01E+02	0.00E+00	0.00E+00	3.42E+02	7.49E+01	1.28E+03
28.05.2010	2.86E+02	0.00E+00	0.00E+00	3.20E+02	7.19E+01	1.29E+03	2.85E+02	0.00E+00	0.00E+00	3.19E+02	7.16E+01	1.28E+03
29.05.2010	2.71E+02	0.00E+00	0.00E+00	2.98E+02	6.87E+01	1.29E+03	2.70E+02	0.00E+00	0.00E+00	2.96E+02	6.84E+01	1.29E+03
30.05.2010	2.57E+02	0.00E+00	0.00E+00	2.76E+02	6.57E+01	1.30E+03	2.56E+02	0.00E+00	0.00E+00	2.75E+02	6.55E+01	1.29E+03
31.05.2010	2.44E+02	0.00E+00	0.00E+00	2.56E+02	6.29E+01	1.30E+03	2.43E+02	0.00E+00	0.00E+00	2.55E+02	6.26E+01	1.29E+03
01.06.2010	2.32E+02	0.00E+00	0.00E+00	2.37E+02	6.02E+01	1.29E+03	2.31E+02	0.00E+00	0.00E+00	2.36E+02	6.00E+01	1.29E+03
02.06.2010	2.20E+02	0.00E+00	0.00E+00	2.18E+02	5.76E+01	1.29E+03	2.19E+02	0.00E+00	0.00E+00	2.17E+02	5.74E+01	1.29E+03
03.06.2010	2.09E+02	0.00E+00	0.00E+00	2.00E+02	5.52E+01	1.29E+03	2.08E+02	0.00E+00	0.00E+00	1.99E+02	5.50E+01	1.28E+03
04.06.2010	1.99E+02	0.00E+00	0.00E+00	1.83E+02	5.29E+01	1.28E+03	1.98E+02	0.00E+00	0.00E+00	1.83E+02	5.26E+01	1.28E+03
05.06.2010	1.89E+02	0.00E+00	0.00E+00	1.67E+02	5.07E+01	1.28E+03	1.88E+02	0.00E+00	0.00E+00	1.66E+02	5.04E+01	1.27E+03
06.06.2010	1.80E+02	0.00E+00	0.00E+00	1.52E+02	4.85E+01	1.27E+03	1.79E+02	0.00E+00	0.00E+00	1.51E+02	4.83E+01	1.26E+03
07.06.2010	1.71E+02	0.00E+00	0.00E+00	1.37E+02	4.65E+01	1.26E+03	1.71E+02	0.00E+00	0.00E+00	1.36E+02	4.64E+01	1.26E+03
08.06.2010	1.63E+02	0.00E+00	0.00E+00	1.23E+02	4.46E+01	1.25E+03	1.62E+02	0.00E+00	0.00E+00	1.23E+02	4.45E+01	1.25E+03
09.06.2010	1.55E+02	0.00E+00	0.00E+00	1.10E+02	4.28E+01	1.24E+03	1.55E+02	0.00E+00	0.00E+00	1.09E+02	4.26E+01	1.24E+03
10.06.2010	1.48E+02	0.00E+00	0.00E+00	9.70E+01	4.11E+01	1.23E+03	1.48E+02	0.00E+00	0.00E+00	9.66E+01	4.09E+01	1.23E+03
11.06.2010	1.41E+02	0.00E+00	0.00E+00	8.50E+01	3.94E+01	1.22E+03	1.41E+02	0.00E+00	0.00E+00	8.46E+01	3.93E+01	1.21E+03
12.06.2010	1.35E+02	0.00E+00	0.00E+00	7.35E+01	3.79E+01	1.21E+03	1.34E+02	0.00E+00	0.00E+00	7.32E+01	3.77E+01	1.20E+03
13.06.2010	1.29E+02	0.00E+00	0.00E+00	6.25E+01	3.64E+01	1.19E+03	1.28E+02	0.00E+00	0.00E+00	6.23E+01	3.62E+01	1.19E+03
14.06.2010	1.23E+02	0.00E+00	0.00E+00	5.22E+01	3.50E+01	1.18E+03	1.23E+02	0.00E+00	0.00E+00	5.20E+01	3.48E+01	1.18E+03
15.06.2010	1.18E+02	0.00E+00	0.00E+00	4.23E+01	3.36E+01	1.17E+03	1.17E+02	0.00E+00	0.00E+00	4.21E+01	3.35E+01	1.16E+03
16.06.2010	1.13E+02	0.00E+00	0.00E+00	3.30E+01	3.23E+01	1.15E+03	1.12E+02	0.00E+00	0.00E+00	3.28E+01	3.22E+01	1.15E+03
17.06.2010	1.08E+02	0.00E+00	0.00E+00	2.41E+01	3.11E+01	1.14E+03	1.07E+02	0.00E+00	0.00E+00	2.40E+01	3.10E+01	1.14E+03
18.06.2010	1.03E+02	0.00E+00	0.00E+00	1.57E+01	2.99E+01	1.13E+03	1.03E+02	0.00E+00	0.00E+00	1.56E+01	2.98E+01	1.12E+03
19.06.2010	9.89E+01	0.00E+00	0.00E+00	7.69E+00	2.88E+01	1.11E+03	9.85E+01	0.00E+00	0.00E+00	7.66E+00	2.87E+01	1.11E+03
20.06.2010	9.48E+01	0.00E+00	0.00E+00	1.50E-01	2.77E+01	1.10E+03	9.44E+01	0.00E+00	0.00E+00	1.50E-01	2.76E+01	1.09E+03
21.06.2010	9.10E+01	0.00E+00	0.00E+00	1.50E-01	2.67E+01	1.08E+03	9.06E+01	0.00E+00	0.00E+00	1.50E-01	2.66E+01	1.08E+03
22.06.2010	8.73E+01	0.00E+00	0.00E+00	1.50E-01	2.57E+01	1.07E+03	8.70E+01	0.00E+00	0.00E+00	1.49E-01	2.56E+01	1.06E+03
23.06.2010	8.39E+01	0.00E+00	0.00E+00	1.50E-01	2.48E+01	1.05E+03	8.36E+01	0.00E+00	0.00E+00	1.49E-01	2.47E+01	1.05E+03
24.06.2010	8.07E+01	0.00E+00	0.00E+00	1.50E-01	2.39E+01	1.03E+03	8.03E+01	0.00E+00	0.00E+00	1.49E-01	2.38E+01	1.03E+03
25.06.2010	7.76E+01	0.00E+00	0.00E+00	1.50E-01	2.31E+01	1.02E+03	7.73E+01	0.00E+00	0.00E+00	1.49E-01	2.30E+01	1.01E+03

01.07.2010	6.24E+01	0.00E+00	0.00E+00	1.50E-01	2.04E+01	9.32E+02	6.21E+01	0.00E+00	0.00E+00	1.49E-01	2.03E+01	9.28E+02
08.07.2010	4.97E+01	0.00E+00	0.00E+00	1.49E-01	1.65E+01	8.30E+02	4.95E+01	0.00E+00	0.00E+00	1.49E-01	1.65E+01	8.27E+02
15.07.2010	4.09E+01	0.00E+00	0.00E+00	1.49E-01	1.33E+01	7.33E+02	4.07E+01	0.00E+00	0.00E+00	1.48E-01	1.33E+01	7.30E+02
01.08.2010	2.81E+01	0.00E+00	0.00E+00	1.48E-01	1.00E+01	5.45E+02	2.80E+01	0.00E+00	0.00E+00	1.48E-01	9.98E+00	5.43E+02
01.09.2010	1.79E+01	0.00E+00	1.09E-01	1.47E-01	6.37E+00	3.22E+02	1.78E+01	0.00E+00	9.96E+00	1.46E-01	6.34E+00	3.20E+02
01.10.2010	1.25E+01	6.60E+02	1.08E-01	1.46E-01	3.97E+00	1.92E+02	1.25E+01	6.57E+02	9.93E+00	1.45E-01	3.96E+00	1.91E+02
01.11.2010	8.94E+00	6.59E+02	1.08E-01	1.44E-01	2.73E+00	1.22E+02	8.90E+00	6.56E+02	9.91E+00	1.44E-01	2.72E+00	1.21E+02
01.12.2010	6.54E+00	6.57E+02	1.08E-01	1.43E-01	1.54E+01	3.12E+02	6.51E+00	6.55E+02	9.89E+00	1.42E-01	1.53E+01	3.11E+02
01.01.2011	4.81E+00	6.56E+02	1.07E-01	1.42E-01	2.69E+01	5.70E+02	4.79E+00	6.53E+02	9.87E+00	1.41E-01	2.67E+01	5.68E+02
01.02.2011	3.61E+00	6.55E+02	1.07E-01	1.40E-01	2.73E+01	6.58E+02	3.60E+00	6.52E+02	9.85E+00	1.40E-01	2.72E+01	6.55E+02
01.03.2011	2.84E+00	6.54E+02	1.07E-01	1.39E-01	2.74E+01	6.85E+02	2.83E+00	6.51E+02	9.83E+00	1.39E-01	2.73E+01	6.82E+02
01.04.2011	2.24E+00	6.52E+02	1.07E-01	1.38E-01	2.74E+01	6.95E+02	2.23E+00	6.50E+02	9.81E+00	1.37E-01	2.73E+01	6.92E+02
01.05.2011	1.82E+00	6.51E+02	1.07E-01	1.37E-01	2.73E+01	6.98E+02	1.82E+00	6.49E+02	9.79E+00	1.36E-01	2.72E+01	6.95E+02
01.06.2011	1.52E+00	6.50E+02	1.06E-01	1.35E-01	1.45E+01	4.81E+02	1.51E+00	6.47E+02	9.77E+00	1.35E-01	1.44E+01	4.79E+02
01.07.2011	1.31E+00	6.49E+02	1.06E-01	1.34E-01	1.15E+00	1.94E+02	1.31E+00	6.46E+02	9.76E+00	1.34E-01	1.15E+00	1.93E+02
01.08.2011	1.16E+00	6.47E+02	1.06E-01	1.33E-01	4.76E-01	9.00E+01	1.16E+00	6.45E+02	9.74E+00	1.32E-01	4.74E-01	8.96E+01
01.09.2011	1.05E+00	6.46E+02	1.01E-01	1.32E-01	2.93E-01	5.41E+01	1.05E+00	6.44E+02	1.32E-01	1.31E-01	2.91E-01	5.38E+01
01.10.2011	9.75E-01	6.53E+00	1.01E-01	1.30E-01	2.34E-01	4.16E+01	9.71E-01	6.50E+00	1.32E-01	1.30E-01	2.33E-01	4.15E+01
01.11.2011	9.17E-01	6.51E+00	1.00E-01	1.29E-01	2.08E-01	3.69E+01	9.13E-01	6.49E+00	1.31E-01	1.29E-01	2.07E-01	3.67E+01
01.12.2011	8.75E-01	6.50E+00	1.00E-01	1.28E-01	2.36E-01	3.61E+01	8.72E-01	6.48E+00	1.31E-01	1.28E-01	2.35E-01	3.60E+01
01.01.2012	8.43E-01	6.49E+00	1.00E-01	1.27E-01	2.71E-01	3.68E+01	8.39E-01	6.46E+00	1.31E-01	1.26E-01	2.70E-01	3.67E+01
01.02.2012	8.18E-01	6.48E+00	9.99E-02	1.26E-01	2.72E-01	3.70E+01	8.15E-01	6.45E+00	1.31E-01	1.25E-01	2.70E-01	3.69E+01
01.03.2012	7.99E-01	6.46E+00	9.97E-02	1.25E-01	2.71E-01	3.70E+01	7.96E-01	6.44E+00	1.30E-01	1.24E-01	2.70E-01	3.69E+01
01.04.2012	7.83E-01	6.45E+00	9.95E-02	1.23E-01	2.71E-01	3.70E+01	7.80E-01	6.43E+00	1.30E-01	1.23E-01	2.70E-01	3.68E+01
01.05.2012	7.56E-01	6.44E+00	9.59E-02	1.22E-01	2.70E-01	3.69E+01	7.53E-01	6.41E+00	1.22E-01	1.22E-01	2.69E-01	3.68E+01
01.05.2013	6.70E-01	3.35E+00	8.93E-02	1.10E-01	1.41E-01	2.90E+01	6.68E-01	3.34E+00	1.09E-01	1.09E-01	1.40E-01	2.89E+01
01.05.2014	5.95E-01	2.97E+00	8.31E-02	9.82E-02	1.25E-01	2.57E+01	5.92E-01	2.96E+00	9.78E-02	9.78E-02	1.24E-01	2.56E+01
01.05.2015	5.27E-01	2.64E+00	7.74E-02	8.80E-02	1.11E-01	2.28E+01	5.25E-01	2.63E+00	8.76E-02	8.76E-02	1.10E-01	2.27E+01
01.05.2020	2.89E-01	1.45E+00	5.42E-02	5.08E-02	6.07E-02	1.25E+01	2.88E-01	1.44E+00	5.06E-02	5.06E-02	6.05E-02	1.25E+01
01.05.2030	8.71E-02	4.36E-01	2.66E-02	1.69E-02	1.83E-02	3.77E+00	8.68E-02	4.34E-01	1.68E-02	1.68E-02	1.82E-02	3.76E+00
01.05.2040	2.62E-02	1.31E-01	1.30E-02	5.63E-03	5.51E-03	1.14E+00	2.61E-02	1.31E-01	5.61E-03	5.61E-03	5.48E-03	1.13E+00

01.05.2050	7.90E-03	3.95E-02	6.38E-03	1.88E-03	1.66E-03	3.42E-01	7.87E-03	3.93E-02	1.87E-03	1.87E-03	1.65E-03	3.40E-01
01.05.2060	2.38E-03	1.19E-02	3.13E-03	6.25E-04	4.99E-04	1.03E-01	2.37E-03	1.18E-02	6.22E-04	6.22E-04	4.97E-04	1.02E-01
01.05.2070	7.16E-04	3.58E-03	1.53E-03	2.08E-04	1.50E-04	3.10E-02	7.13E-04	3.56E-03	2.07E-04	2.07E-04	1.50E-04	3.09E-02
01.05.2080	2.16E-04	1.08E-03	7.51E-04	6.93E-05	4.52E-05	9.33E-03	2.15E-04	1.07E-03	6.90E-05	6.90E-05	4.51E-05	9.29E-03
01.05.2090	6.49E-05	3.24E-04	3.68E-04	2.31E-05	1.36E-05	2.81E-03	6.46E-05	3.23E-04	2.30E-05	2.30E-05	1.36E-05	2.80E-03
01.05.2100	1.95E-05	9.77E-05	1.80E-04	7.69E-06	4.10E-06	8.46E-04	1.95E-05	9.73E-05	7.66E-06	7.66E-06	4.09E-06	8.42E-04
01.05.2110	5.88E-06	2.94E-05	8.84E-05	2.56E-06	1.24E-06	2.55E-04	5.86E-06	2.93E-05	2.55E-06	2.55E-06	1.23E-06	2.54E-04
0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2. Calculations with DOSDIM (SCK•CEN model)

The following tables present results obtained with the DOSDIM model sandy, clay and loamy soils for a deposition of 1000 Bq/m² for I-131, Sr-90 and Cs-137 for plant products (grass, leafy vegetables, root vegetables) and animal products (cow's milk and meat) for up to 100 days after deposition.

Concentration of I-131 in plant and animal products and dose from ingestion for adults for sandy soil

Sand 100 Days	Concentration					Dose					Total
	Pasture Bq/kg_fw	Veg Bq/kg_fw	Root Bq/kg_fw	Milk Bq/l	Meat Bq/kg_fw	Veg x10E5 mSv	Root x10E5 mSv	Milk x10E5 mSv	Meat x10E5 mSv	x10E5 mSv	
	Pasture (Bq/kg_fw)	Veg (Bq/kg_fw)	Root (Bq/kg_fw)	Milk (Bq/l)	Meat (Bq/kg_fw)	Veg (x10E5 mSv)	Root (x10E5 mSv)	Milk (x10E5 mSv)	Meat (x10E5 mSv)	Total (x10E5 mSv)	
0	2.00E+03	1.00E+02	1.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
1	1.75E+03	8.73E+01	4.79E-01	1.20E+02	4.82E+01	3.09E-08	1.14E-10	2.71E-08	4.55E-10	5.85E-08	
2	1.52E+03	7.62E+01	8.05E-01	1.63E+02	8.95E+01	5.78E-08	4.01E-10	8.38E-08	1.97E-09	1.44E-07	
3	1.33E+03	6.65E+01	1.02E+00	1.70E+02	1.13E+02	8.13E-08	8.07E-10	1.49E-07	4.17E-09	2.36E-07	
4	1.16E+03	5.81E+01	1.16E+00	1.63E+02	1.23E+02	1.02E-07	1.29E-09	2.14E-07	6.72E-09	3.24E-07	
5	1.01E+03	5.07E+01	1.23E+00	1.50E+02	1.25E+02	1.20E-07	1.81E-09	2.75E-07	9.40E-09	4.06E-07	
6	8.85E+02	4.42E+01	1.25E+00	1.35E+02	1.22E+02	1.35E-07	2.36E-09	3.31E-07	1.21E-08	4.80E-07	
7	7.72E+02	3.86E+01	1.24E+00	1.21E+02	1.16E+02	1.49E-07	2.91E-09	3.80E-07	1.46E-08	5.47E-07	
8	6.74E+02	3.37E+01	1.21E+00	1.07E+02	1.08E+02	1.61E-07	3.45E-09	4.25E-07	1.70E-08	6.06E-07	
9	5.88E+02	2.94E+01	1.15E+00	9.49E+01	9.93E+01	1.71E-07	3.97E-09	4.64E-07	1.93E-08	6.58E-07	
10	5.14E+02	2.57E+01	1.09E+00	8.40E+01	9.02E+01	1.80E-07	4.47E-09	4.99E-07	2.13E-08	7.05E-07	
11	4.48E+02	2.24E+01	1.02E+00	7.42E+01	8.12E+01	1.88E-07	4.93E-09	5.29E-07	2.32E-08	7.46E-07	
12	3.91E+02	1.96E+01	9.50E-01	6.54E+01	7.27E+01	1.95E-07	5.36E-09	5.57E-07	2.48E-08	7.82E-07	
13	3.42E+02	1.71E+01	8.77E-01	5.77E+01	6.48E+01	2.01E-07	5.77E-09	5.80E-07	2.63E-08	8.14E-07	
14	2.98E+02	1.49E+01	8.05E-01	5.09E+01	5.75E+01	2.07E-07	6.14E-09	6.02E-07	2.76E-08	8.42E-07	
15	2.60E+02	1.30E+01	7.35E-01	4.48E+01	5.09E+01	2.11E-07	6.48E-09	6.20E-07	2.88E-08	8.67E-07	

16	2.27E+02	1.14E+01	6.68E-01	3.95E+01	4.49E+01	2.15E-07	6.78E-09	6.37E-07	2.98E-08	8.88E-07
17	1.98E+02	9.92E+00	6.06E-01	3.47E+01	3.96E+01	2.19E-07	7.06E-09	6.51E-07	3.07E-08	9.07E-07
18	1.73E+02	8.66E+00	5.47E-01	3.06E+01	3.48E+01	2.22E-07	7.32E-09	6.64E-07	3.15E-08	9.24E-07
19	1.51E+02	7.56E+00	4.93E-01	2.69E+01	3.06E+01	2.24E-07	7.55E-09	6.75E-07	3.22E-08	9.39E-07
20	1.32E+02	6.60E+00	4.42E-01	2.36E+01	2.68E+01	2.27E-07	7.75E-09	6.85E-07	3.28E-08	9.52E-07
21	1.15E+02	5.76E+00	3.97E-01	2.08E+01	2.35E+01	2.29E-07	7.94E-09	6.93E-07	3.33E-08	9.63E-07
22	1.01E+02	5.03E+00	3.55E-01	1.82E+01	2.06E+01	2.31E-07	8.10E-09	7.01E-07	3.38E-08	9.73E-07
23	8.78E+01	4.39E+00	3.17E-01	1.60E+01	1.80E+01	2.32E-07	8.25E-09	7.08E-07	3.42E-08	9.82E-07
24	7.66E+01	3.83E+00	2.82E-01	1.41E+01	1.58E+01	2.34E-07	8.38E-09	7.13E-07	3.46E-08	9.90E-07
25	6.69E+01	3.35E+00	2.51E-01	1.24E+01	1.38E+01	2.35E-07	8.50E-09	7.18E-07	3.49E-08	9.97E-07
26	5.84E+01	2.92E+00	2.23E-01	1.08E+01	1.21E+01	2.36E-07	8.60E-09	7.23E-07	3.52E-08	1.00E-06
27	5.10E+01	2.55E+00	1.98E-01	9.52E+00	1.05E+01	2.37E-07	8.69E-09	7.27E-07	3.54E-08	1.01E-06
28	4.45E+01	2.23E+00	1.76E-01	8.35E+00	9.21E+00	2.37E-07	8.78E-09	7.30E-07	3.56E-08	1.01E-06
29	3.88E+01	1.94E+00	1.56E-01	7.33E+00	8.04E+00	2.38E-07	8.85E-09	7.33E-07	3.58E-08	1.02E-06
30	3.39E+01	1.70E+00	1.38E-01	6.42E+00	7.03E+00	2.39E-07	8.91E-09	7.36E-07	3.60E-08	1.02E-06
31	2.96E+01	1.48E+00	1.22E-01	5.63E+00	6.14E+00	2.39E-07	8.97E-09	7.38E-07	3.61E-08	1.02E-06
32	2.58E+01	1.29E+00	1.08E-01	4.94E+00	5.36E+00	2.40E-07	9.02E-09	7.41E-07	3.63E-08	1.03E-06
33	2.25E+01	1.13E+00	9.51E-02	4.33E+00	4.68E+00	2.40E-07	9.07E-09	7.42E-07	3.64E-08	1.03E-06
34	1.97E+01	9.85E-01	8.39E-02	3.79E+00	4.09E+00	2.40E-07	9.11E-09	7.44E-07	3.65E-08	1.03E-06
35	1.72E+01	8.59E-01	7.40E-02	3.32E+00	3.57E+00	2.41E-07	9.14E-09	7.45E-07	3.65E-08	1.03E-06
36	1.50E+01	7.50E-01	6.52E-02	2.91E+00	3.12E+00	2.41E-07	9.17E-09	7.47E-07	3.66E-08	1.03E-06
37	1.31E+01	6.55E-01	5.74E-02	2.55E+00	2.72E+00	2.41E-07	9.20E-09	7.48E-07	3.67E-08	1.03E-06
38	1.14E+01	5.72E-01	5.06E-02	2.23E+00	2.38E+00	2.41E-07	9.22E-09	7.49E-07	3.67E-08	1.04E-06
39	9.97E+00	4.99E-01	4.45E-02	1.96E+00	2.07E+00	2.42E-07	9.24E-09	7.49E-07	3.68E-08	1.04E-06
40	8.70E+00	4.36E-01	3.91E-02	1.71E+00	1.81E+00	2.42E-07	9.26E-09	7.50E-07	3.68E-08	1.04E-06
41	7.60E+00	3.80E-01	3.44E-02	1.50E+00	1.58E+00	2.42E-07	9.28E-09	7.51E-07	3.69E-08	1.04E-06
42	6.63E+00	3.32E-01	3.02E-02	1.31E+00	1.38E+00	2.42E-07	9.29E-09	7.51E-07	3.69E-08	1.04E-06
43	5.79E+00	2.90E-01	2.66E-02	1.15E+00	1.20E+00	2.42E-07	9.30E-09	7.52E-07	3.69E-08	1.04E-06
44	5.05E+00	2.53E-01	2.33E-02	1.01E+00	1.05E+00	2.42E-07	9.31E-09	7.52E-07	3.69E-08	1.04E-06
45	4.41E+00	2.21E-01	2.05E-02	8.79E-01	9.18E-01	2.42E-07	9.32E-09	7.52E-07	3.70E-08	1.04E-06
46	3.85E+00	1.93E-01	1.80E-02	7.70E-01	8.01E-01	2.42E-07	9.33E-09	7.53E-07	3.70E-08	1.04E-06

47	3.36E+00	1.68E-01	1.58E-02	6.73E-01	6.99E-01	2.42E-07	9.34E-09	7.53E-07	3.70E-08	1.04E-06
48	2.93E+00	1.47E-01	1.38E-02	5.89E-01	6.10E-01	2.42E-07	9.35E-09	7.53E-07	3.70E-08	1.04E-06
49	2.56E+00	1.28E-01	1.21E-02	5.15E-01	5.33E-01	2.43E-07	9.35E-09	7.54E-07	3.70E-08	1.04E-06
50	2.24E+00	1.12E-01	1.06E-02	4.51E-01	4.65E-01	2.43E-07	9.36E-09	7.54E-07	3.70E-08	1.04E-06
51	1.95E+00	9.78E-02	9.33E-03	3.94E-01	4.06E-01	2.43E-07	9.36E-09	7.54E-07	3.70E-08	1.04E-06
52	1.70E+00	8.53E-02	8.18E-03	3.45E-01	3.54E-01	2.43E-07	9.37E-09	7.54E-07	3.70E-08	1.04E-06
53	1.49E+00	7.45E-02	7.17E-03	3.01E-01	3.09E-01	2.43E-07	9.37E-09	7.54E-07	3.71E-08	1.04E-06
54	1.30E+00	6.50E-02	6.28E-03	2.64E-01	2.70E-01	2.43E-07	9.37E-09	7.54E-07	3.71E-08	1.04E-06
55	1.13E+00	5.68E-02	5.50E-03	2.30E-01	2.36E-01	2.43E-07	9.37E-09	7.54E-07	3.71E-08	1.04E-06
56	9.89E-01	4.96E-02	4.82E-03	2.01E-01	2.06E-01	2.43E-07	9.38E-09	7.54E-07	3.71E-08	1.04E-06
57	8.63E-01	4.33E-02	4.23E-03	1.76E-01	1.80E-01	2.43E-07	9.38E-09	7.55E-07	3.71E-08	1.04E-06
58	7.54E-01	3.78E-02	3.70E-03	1.54E-01	1.57E-01	2.43E-07	9.38E-09	7.55E-07	3.71E-08	1.04E-06
59	6.58E-01	3.30E-02	3.24E-03	1.35E-01	1.37E-01	2.43E-07	9.38E-09	7.55E-07	3.71E-08	1.04E-06
60	5.74E-01	2.88E-02	2.84E-03	1.18E-01	1.19E-01	2.43E-07	9.38E-09	7.55E-07	3.71E-08	1.04E-06
61	5.01E-01	2.51E-02	2.49E-03	1.03E-01	1.04E-01	2.43E-07	9.38E-09	7.55E-07	3.71E-08	1.04E-06
62	4.38E-01	2.19E-02	2.18E-03	8.99E-02	9.10E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
63	3.82E-01	1.92E-02	1.91E-03	7.85E-02	7.95E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
64	3.33E-01	1.67E-02	1.67E-03	6.86E-02	6.94E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
65	2.91E-01	1.46E-02	1.46E-03	6.00E-02	6.06E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
66	2.54E-01	1.28E-02	1.28E-03	5.24E-02	5.29E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
67	2.22E-01	1.11E-02	1.12E-03	4.58E-02	4.61E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
68	1.94E-01	9.72E-03	9.82E-04	4.00E-02	4.03E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
69	1.69E-01	8.49E-03	8.60E-04	3.50E-02	3.52E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
70	1.47E-01	7.41E-03	7.53E-04	3.06E-02	3.07E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
71	1.29E-01	6.47E-03	6.59E-04	2.67E-02	2.68E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
72	1.12E-01	5.65E-03	5.77E-04	2.33E-02	2.34E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
73	9.81E-02	4.93E-03	5.06E-04	2.04E-02	2.04E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
74	8.56E-02	4.31E-03	4.43E-04	1.78E-02	1.78E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
75	7.47E-02	3.76E-03	3.88E-04	1.55E-02	1.56E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
76	6.52E-02	3.28E-03	3.40E-04	1.36E-02	1.36E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06
77	5.70E-02	2.87E-03	2.98E-04	1.19E-02	1.19E-02	2.43E-07	9.39E-09	7.55E-07	3.71E-08	1.04E-06

78	4.97E-02	2.50E-03	2.61E-04	1.04E-02	1.03E-02		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
79	4.34E-02	2.19E-03	2.29E-04	9.05E-03	9.03E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
80	3.79E-02	1.91E-03	2.00E-04	7.91E-03	7.88E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
81	3.31E-02	1.67E-03	1.75E-04	6.90E-03	6.88E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
82	2.89E-02	1.46E-03	1.54E-04	6.03E-03	6.01E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
83	2.52E-02	1.27E-03	1.35E-04	5.27E-03	5.24E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
84	2.20E-02	1.11E-03	1.18E-04	4.60E-03	4.58E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
85	1.92E-02	9.70E-04	1.04E-04	4.02E-03	4.00E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
86	1.68E-02	8.47E-04	9.09E-05	3.51E-03	3.49E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
87	1.46E-02	7.40E-04	7.97E-05	3.06E-03	3.04E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
88	1.28E-02	6.46E-04	6.99E-05	2.68E-03	2.66E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
89	1.11E-02	5.64E-04	6.14E-05	2.34E-03	2.32E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
90	9.73E-03	4.93E-04	5.38E-05	2.04E-03	2.02E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
91	8.49E-03	4.31E-04	4.73E-05	1.78E-03	1.77E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
92	7.41E-03	3.76E-04	4.15E-05	1.56E-03	1.54E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
93	6.47E-03	3.29E-04	3.64E-05	1.36E-03	1.35E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
94	5.65E-03	2.87E-04	3.20E-05	1.19E-03	1.18E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
95	4.93E-03	2.51E-04	2.81E-05	1.04E-03	1.03E-03		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
96	4.30E-03	2.19E-04	2.47E-05	9.05E-04	8.96E-04		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
97	3.76E-03	1.91E-04	2.17E-05	7.90E-04	7.82E-04		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
98	3.28E-03	1.67E-04	1.91E-05	6.90E-04	6.82E-04		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
99	2.86E-03	1.46E-04	1.68E-05	6.02E-04	5.96E-04		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
100	2.50E-03	1.28E-04	1.48E-05	5.26E-04	5.20E-04		2.43E-07	9.39E-09	7.55E-07	3.71E-08		1.04E-06
Sum												9.57E-05

Concentration of I-131 in plant and animal products and dose from ingestion for adults for clay soil

Clay 100 Days	Concentration					Dose					Total
	Pasture	Veg	Root	Milk	Meat	Veg	Root	Milk	Meat		
	Bq/kg_fw	Bq/kg_fw	Bq/kg_fw	Bq/l	Bq/kg_fw	x10E5 mSv	x10E5 mSv	x10E5 mSv	x10E5 mSv	x10E5 mSv	
	Pasture (Bq/kg_fw)	Veg (Bq/kg_fw)	Root (Bq/kg_fw)	Milk (Bq/l)	Meat (Bq/kg_fw)	Veg (mSv)	Root (mSv)	Milk (mSv)	Meat (mSv)	Total (mSv)	
0	2.00E+03	1.00E+02	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
1	1.75E+03	8.73E+01	4.70E-01	1.20E+02	4.82E+01	3.09E-08	1.10E-10	2.71E-08	4.55E-10	5.85E-08	
2	1.52E+03	7.62E+01	7.96E-01	1.63E+02	8.95E+01	5.78E-08	3.93E-10	8.38E-08	1.97E-09	1.44E-07	
3	1.33E+03	6.65E+01	1.01E+00	1.70E+02	1.13E+02	8.13E-08	7.94E-10	1.49E-07	4.17E-09	2.36E-07	
4	1.16E+03	5.81E+01	1.15E+00	1.63E+02	1.23E+02	1.02E-07	1.27E-09	2.14E-07	6.72E-09	3.24E-07	
5	1.01E+03	5.07E+01	1.22E+00	1.50E+02	1.25E+02	1.20E-07	1.80E-09	2.75E-07	9.40E-09	4.06E-07	
6	8.85E+02	4.42E+01	1.25E+00	1.35E+02	1.22E+02	1.35E-07	2.34E-09	3.31E-07	1.21E-08	4.80E-07	
7	7.72E+02	3.86E+01	1.24E+00	1.21E+02	1.16E+02	1.49E-07	2.89E-09	3.80E-07	1.46E-08	5.47E-07	
8	6.74E+02	3.37E+01	1.20E+00	1.07E+02	1.08E+02	1.61E-07	3.42E-09	4.25E-07	1.70E-08	6.06E-07	
9	5.88E+02	2.94E+01	1.15E+00	9.49E+01	9.93E+01	1.71E-07	3.94E-09	4.64E-07	1.93E-08	6.58E-07	
10	5.14E+02	2.57E+01	1.09E+00	8.40E+01	9.02E+01	1.80E-07	4.43E-09	4.99E-07	2.13E-08	7.05E-07	
11	4.48E+02	2.24E+01	1.02E+00	7.42E+01	8.12E+01	1.88E-07	4.90E-09	5.29E-07	2.32E-08	7.46E-07	
12	3.91E+02	1.96E+01	9.46E-01	6.54E+01	7.27E+01	1.95E-07	5.33E-09	5.57E-07	2.48E-08	7.82E-07	
13	3.42E+02	1.71E+01	8.73E-01	5.77E+01	6.48E+01	2.01E-07	5.73E-09	5.80E-07	2.63E-08	8.14E-07	
14	2.98E+02	1.49E+01	8.02E-01	5.09E+01	5.75E+01	2.07E-07	6.10E-09	6.02E-07	2.76E-08	8.42E-07	
15	2.60E+02	1.30E+01	7.32E-01	4.48E+01	5.09E+01	2.11E-07	6.44E-09	6.20E-07	2.88E-08	8.67E-07	
16	2.27E+02	1.14E+01	6.66E-01	3.95E+01	4.49E+01	2.15E-07	6.74E-09	6.37E-07	2.98E-08	8.88E-07	
17	1.98E+02	9.92E+00	6.03E-01	3.47E+01	3.96E+01	2.19E-07	7.02E-09	6.51E-07	3.07E-08	9.07E-07	
18	1.73E+02	8.66E+00	5.45E-01	3.06E+01	3.48E+01	2.22E-07	7.27E-09	6.64E-07	3.15E-08	9.24E-07	
19	1.51E+02	7.56E+00	4.90E-01	2.69E+01	3.06E+01	2.24E-07	7.50E-09	6.75E-07	3.22E-08	9.39E-07	
20	1.32E+02	6.60E+00	4.41E-01	2.36E+01	2.68E+01	2.27E-07	7.71E-09	6.85E-07	3.28E-08	9.52E-07	
21	1.15E+02	5.76E+00	3.95E-01	2.08E+01	2.35E+01	2.29E-07	7.89E-09	6.93E-07	3.33E-08	9.63E-07	

22	1.01E+02	5.03E+00	3.53E-01	1.82E+01	2.06E+01	2.31E-07	8.05E-09	7.01E-07	3.38E-08	9.73E-07
23	8.78E+01	4.39E+00	3.15E-01	1.60E+01	1.80E+01	2.32E-07	8.20E-09	7.08E-07	3.42E-08	9.82E-07
24	7.66E+01	3.83E+00	2.81E-01	1.41E+01	1.58E+01	2.33E-07	8.33E-09	7.13E-07	3.46E-08	9.90E-07
25	6.69E+01	3.34E+00	2.50E-01	1.24E+01	1.38E+01	2.35E-07	8.45E-09	7.18E-07	3.49E-08	9.97E-07
26	5.84E+01	2.92E+00	2.22E-01	1.08E+01	1.21E+01	2.36E-07	8.55E-09	7.23E-07	3.52E-08	1.00E-06
27	5.10E+01	2.55E+00	1.97E-01	9.52E+00	1.05E+01	2.37E-07	8.65E-09	7.27E-07	3.54E-08	1.01E-06
28	4.45E+01	2.22E+00	1.75E-01	8.35E+00	9.21E+00	2.37E-07	8.73E-09	7.30E-07	3.56E-08	1.01E-06
29	3.88E+01	1.94E+00	1.55E-01	7.33E+00	8.04E+00	2.38E-07	8.80E-09	7.33E-07	3.58E-08	1.02E-06
30	3.39E+01	1.69E+00	1.37E-01	6.42E+00	7.03E+00	2.39E-07	8.86E-09	7.36E-07	3.60E-08	1.02E-06
31	2.96E+01	1.48E+00	1.21E-01	5.63E+00	6.14E+00	2.39E-07	8.92E-09	7.39E-07	3.61E-08	1.02E-06
32	2.58E+01	1.29E+00	1.07E-01	4.94E+00	5.36E+00	2.40E-07	8.97E-09	7.41E-07	3.63E-08	1.03E-06
33	2.25E+01	1.13E+00	9.45E-02	4.33E+00	4.68E+00	2.40E-07	9.01E-09	7.42E-07	3.64E-08	1.03E-06
34	1.97E+01	9.84E-01	8.34E-02	3.79E+00	4.09E+00	2.40E-07	9.05E-09	7.44E-07	3.65E-08	1.03E-06
35	1.72E+01	8.59E-01	7.35E-02	3.32E+00	3.57E+00	2.41E-07	9.09E-09	7.45E-07	3.65E-08	1.03E-06
36	1.50E+01	7.50E-01	6.47E-02	2.91E+00	3.12E+00	2.41E-07	9.12E-09	7.47E-07	3.66E-08	1.03E-06
37	1.31E+01	6.54E-01	5.70E-02	2.55E+00	2.72E+00	2.41E-07	9.15E-09	7.48E-07	3.67E-08	1.03E-06
38	1.14E+01	5.71E-01	5.01E-02	2.23E+00	2.38E+00	2.41E-07	9.17E-09	7.49E-07	3.67E-08	1.04E-06
39	9.97E+00	4.99E-01	4.41E-02	1.96E+00	2.07E+00	2.42E-07	9.19E-09	7.49E-07	3.68E-08	1.04E-06
40	8.70E+00	4.35E-01	3.88E-02	1.71E+00	1.81E+00	2.42E-07	9.21E-09	7.50E-07	3.68E-08	1.04E-06
41	7.60E+00	3.80E-01	3.41E-02	1.50E+00	1.58E+00	2.42E-07	9.22E-09	7.51E-07	3.69E-08	1.04E-06
42	6.63E+00	3.32E-01	2.99E-02	1.31E+00	1.38E+00	2.42E-07	9.24E-09	7.51E-07	3.69E-08	1.04E-06
43	5.79E+00	2.90E-01	2.63E-02	1.15E+00	1.20E+00	2.42E-07	9.25E-09	7.52E-07	3.69E-08	1.04E-06
44	5.05E+00	2.53E-01	2.31E-02	1.01E+00	1.05E+00	2.42E-07	9.26E-09	7.52E-07	3.69E-08	1.04E-06
45	4.41E+00	2.21E-01	2.03E-02	8.80E-01	9.18E-01	2.42E-07	9.27E-09	7.52E-07	3.70E-08	1.04E-06
46	3.85E+00	1.93E-01	1.78E-02	7.70E-01	8.01E-01	2.42E-07	9.28E-09	7.53E-07	3.70E-08	1.04E-06
47	3.36E+00	1.68E-01	1.56E-02	6.73E-01	6.99E-01	2.42E-07	9.29E-09	7.53E-07	3.70E-08	1.04E-06
48	2.93E+00	1.47E-01	1.37E-02	5.89E-01	6.11E-01	2.42E-07	9.29E-09	7.53E-07	3.70E-08	1.04E-06
49	2.56E+00	1.28E-01	1.20E-02	5.15E-01	5.33E-01	2.42E-07	9.30E-09	7.54E-07	3.70E-08	1.04E-06
50	2.24E+00	1.12E-01	1.05E-02	4.51E-01	4.65E-01	2.43E-07	9.30E-09	7.54E-07	3.70E-08	1.04E-06
51	1.95E+00	9.76E-02	9.20E-03	3.94E-01	4.06E-01	2.43E-07	9.31E-09	7.54E-07	3.70E-08	1.04E-06
52	1.70E+00	8.52E-02	8.06E-03	3.45E-01	3.54E-01	2.43E-07	9.31E-09	7.54E-07	3.70E-08	1.04E-06

53	1.49E+00	7.44E-02	7.06E-03	3.01E-01	3.09E-01	2.43E-07	9.31E-09	7.54E-07	3.71E-08	1.04E-06
54	1.30E+00	6.49E-02	6.18E-03	2.64E-01	2.70E-01	2.43E-07	9.32E-09	7.54E-07	3.71E-08	1.04E-06
55	1.13E+00	5.67E-02	5.41E-03	2.30E-01	2.36E-01	2.43E-07	9.32E-09	7.54E-07	3.71E-08	1.04E-06
56	9.89E-01	4.95E-02	4.74E-03	2.01E-01	2.06E-01	2.43E-07	9.32E-09	7.54E-07	3.71E-08	1.04E-06
57	8.63E-01	4.32E-02	4.15E-03	1.76E-01	1.80E-01	2.43E-07	9.32E-09	7.55E-07	3.71E-08	1.04E-06
58	7.54E-01	3.77E-02	3.63E-03	1.54E-01	1.57E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
59	6.58E-01	3.29E-02	3.18E-03	1.35E-01	1.37E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
60	5.74E-01	2.87E-02	2.78E-03	1.18E-01	1.19E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
61	5.01E-01	2.51E-02	2.43E-03	1.03E-01	1.04E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
62	4.38E-01	2.19E-02	2.13E-03	8.99E-02	9.11E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
63	3.82E-01	1.91E-02	1.86E-03	7.86E-02	7.95E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
64	3.33E-01	1.67E-02	1.63E-03	6.86E-02	6.94E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
65	2.91E-01	1.46E-02	1.42E-03	6.00E-02	6.06E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
66	2.54E-01	1.27E-02	1.25E-03	5.24E-02	5.29E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
67	2.22E-01	1.11E-02	1.09E-03	4.58E-02	4.61E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
68	1.94E-01	9.68E-03	9.52E-04	4.00E-02	4.03E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
69	1.69E-01	8.45E-03	8.33E-04	3.50E-02	3.52E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
70	1.48E-01	7.38E-03	7.28E-04	3.06E-02	3.07E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
71	1.29E-01	6.44E-03	6.36E-04	2.67E-02	2.68E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
72	1.12E-01	5.62E-03	5.56E-04	2.33E-02	2.34E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
73	9.81E-02	4.91E-03	4.86E-04	2.04E-02	2.04E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
74	8.56E-02	4.28E-03	4.25E-04	1.78E-02	1.78E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
75	7.48E-02	3.74E-03	3.72E-04	1.55E-02	1.56E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
76	6.53E-02	3.26E-03	3.25E-04	1.36E-02	1.36E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
77	5.70E-02	2.85E-03	2.84E-04	1.19E-02	1.19E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
78	4.97E-02	2.49E-03	2.48E-04	1.04E-02	1.03E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
79	4.34E-02	2.17E-03	2.17E-04	9.05E-03	9.03E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
80	3.79E-02	1.90E-03	1.90E-04	7.91E-03	7.88E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
81	3.31E-02	1.65E-03	1.66E-04	6.91E-03	6.88E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
82	2.89E-02	1.44E-03	1.45E-04	6.03E-03	6.01E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
83	2.52E-02	1.26E-03	1.27E-04	5.27E-03	5.24E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06

84	2.20E-02	1.10E-03	1.11E-04	4.60E-03	4.58E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
85	1.92E-02	9.61E-04	9.68E-05	4.02E-03	4.00E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
86	1.68E-02	8.39E-04	8.46E-05	3.51E-03	3.49E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
87	1.46E-02	7.32E-04	7.39E-05	3.06E-03	3.04E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
88	1.28E-02	6.39E-04	6.46E-05	2.68E-03	2.66E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
89	1.12E-02	5.58E-04	5.65E-05	2.34E-03	2.32E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
90	9.73E-03	4.87E-04	4.94E-05	2.04E-03	2.03E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
91	8.50E-03	4.25E-04	4.32E-05	1.78E-03	1.77E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
92	7.42E-03	3.71E-04	3.77E-05	1.56E-03	1.54E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
93	6.47E-03	3.24E-04	3.30E-05	1.36E-03	1.35E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
94	5.65E-03	2.83E-04	2.89E-05	1.19E-03	1.18E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
95	4.93E-03	2.47E-04	2.52E-05	1.04E-03	1.03E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
96	4.31E-03	2.16E-04	2.21E-05	9.05E-04	8.96E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
97	3.76E-03	1.88E-04	1.93E-05	7.90E-04	7.82E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
98	3.28E-03	1.64E-04	1.69E-05	6.90E-04	6.83E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
99	2.86E-03	1.43E-04	1.48E-05	6.03E-04	5.96E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
100	2.50E-03	1.25E-04	1.29E-05	5.26E-04	5.20E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
Sum										9.57E-05

Concentration of I-131 in plant and animal products and dose from ingestion for adults for loamy soil

Loam 100 Days	Concentration					Dose				Total
	Pasture Bq/kg_fw	Veg Bq/kg_fw	Root Bq/kg_fw	Milk Bq/l	Meat Bq/kg_fw	Veg x10E5 mSv	Root x10E5 mSv	Milk x10E5 mSv	Meat x10E5 mSv	
0	2.00E+03	1.00E+02	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	1.75E+03	8.73E+01	4.70E-01	1.20E+02	4.82E+01	3.09E-08	1.10E-10	2.71E-08	4.55E-10	5.85E-08

2	1.52E+03	7.62E+01	7.96E-01	1.63E+02	8.95E+01	5.78E-08	3.93E-10	8.38E-08	1.97E-09	1.44E-07
3	1.33E+03	6.65E+01	1.01E+00	1.70E+02	1.13E+02	8.13E-08	7.94E-10	1.49E-07	4.17E-09	2.36E-07
4	1.16E+03	5.81E+01	1.15E+00	1.63E+02	1.23E+02	1.02E-07	1.27E-09	2.14E-07	6.72E-09	3.24E-07
5	1.01E+03	5.07E+01	1.22E+00	1.50E+02	1.25E+02	1.20E-07	1.80E-09	2.75E-07	9.40E-09	4.06E-07
6	8.85E+02	4.42E+01	1.25E+00	1.35E+02	1.22E+02	1.35E-07	2.34E-09	3.31E-07	1.21E-08	4.80E-07
7	7.72E+02	3.86E+01	1.24E+00	1.21E+02	1.16E+02	1.49E-07	2.89E-09	3.80E-07	1.46E-08	5.47E-07
8	6.74E+02	3.37E+01	1.20E+00	1.07E+02	1.08E+02	1.61E-07	3.42E-09	4.25E-07	1.70E-08	6.06E-07
9	5.88E+02	2.94E+01	1.15E+00	9.49E+01	9.93E+01	1.71E-07	3.94E-09	4.64E-07	1.93E-08	6.58E-07
10	5.14E+02	2.57E+01	1.09E+00	8.40E+01	9.02E+01	1.80E-07	4.43E-09	4.99E-07	2.13E-08	7.05E-07
11	4.48E+02	2.24E+01	1.02E+00	7.42E+01	8.12E+01	1.88E-07	4.90E-09	5.29E-07	2.32E-08	7.46E-07
12	3.91E+02	1.96E+01	9.47E-01	6.54E+01	7.27E+01	1.95E-07	5.33E-09	5.57E-07	2.48E-08	7.82E-07
13	3.42E+02	1.71E+01	8.74E-01	5.77E+01	6.48E+01	2.01E-07	5.73E-09	5.80E-07	2.63E-08	8.14E-07
14	2.98E+02	1.49E+01	8.02E-01	5.09E+01	5.75E+01	2.07E-07	6.10E-09	6.02E-07	2.76E-08	8.42E-07
15	2.60E+02	1.30E+01	7.32E-01	4.48E+01	5.09E+01	2.11E-07	6.44E-09	6.20E-07	2.88E-08	8.67E-07
16	2.27E+02	1.14E+01	6.66E-01	3.95E+01	4.49E+01	2.15E-07	6.74E-09	6.37E-07	2.98E-08	8.88E-07
17	1.98E+02	9.92E+00	6.03E-01	3.47E+01	3.96E+01	2.19E-07	7.02E-09	6.51E-07	3.07E-08	9.07E-07
18	1.73E+02	8.66E+00	5.45E-01	3.06E+01	3.48E+01	2.22E-07	7.27E-09	6.64E-07	3.15E-08	9.24E-07
19	1.51E+02	7.56E+00	4.90E-01	2.69E+01	3.06E+01	2.24E-07	7.50E-09	6.75E-07	3.22E-08	9.39E-07
20	1.32E+02	6.60E+00	4.41E-01	2.36E+01	2.68E+01	2.27E-07	7.71E-09	6.85E-07	3.28E-08	9.52E-07
21	1.15E+02	5.76E+00	3.95E-01	2.08E+01	2.35E+01	2.29E-07	7.89E-09	6.93E-07	3.33E-08	9.63E-07
22	1.01E+02	5.03E+00	3.53E-01	1.82E+01	2.06E+01	2.31E-07	8.05E-09	7.01E-07	3.38E-08	9.73E-07
23	8.78E+01	4.39E+00	3.15E-01	1.60E+01	1.80E+01	2.32E-07	8.20E-09	7.08E-07	3.42E-08	9.82E-07
24	7.66E+01	3.83E+00	2.81E-01	1.41E+01	1.58E+01	2.33E-07	8.33E-09	7.13E-07	3.46E-08	9.90E-07
25	6.69E+01	3.34E+00	2.50E-01	1.24E+01	1.38E+01	2.35E-07	8.45E-09	7.18E-07	3.49E-08	9.97E-07
26	5.84E+01	2.92E+00	2.22E-01	1.08E+01	1.21E+01	2.36E-07	8.55E-09	7.23E-07	3.52E-08	1.00E-06
27	5.10E+01	2.55E+00	1.97E-01	9.52E+00	1.05E+01	2.37E-07	8.65E-09	7.27E-07	3.54E-08	1.01E-06
28	4.45E+01	2.22E+00	1.75E-01	8.35E+00	9.21E+00	2.37E-07	8.73E-09	7.30E-07	3.56E-08	1.01E-06
29	3.88E+01	1.94E+00	1.55E-01	7.33E+00	8.04E+00	2.38E-07	8.80E-09	7.33E-07	3.58E-08	1.02E-06
30	3.39E+01	1.69E+00	1.37E-01	6.42E+00	7.03E+00	2.39E-07	8.86E-09	7.36E-07	3.60E-08	1.02E-06

31	2.96E+01	1.48E+00	1.21E-01	5.63E+00	6.14E+00	2.39E-07	8.92E-09	7.38E-07	3.61E-08	1.02E-06
32	2.58E+01	1.29E+00	1.07E-01	4.94E+00	5.36E+00	2.40E-07	8.97E-09	7.41E-07	3.63E-08	1.03E-06
33	2.25E+01	1.13E+00	9.45E-02	4.33E+00	4.68E+00	2.40E-07	9.02E-09	7.42E-07	3.64E-08	1.03E-06
34	1.97E+01	9.84E-01	8.34E-02	3.79E+00	4.09E+00	2.40E-07	9.05E-09	7.44E-07	3.65E-08	1.03E-06
35	1.72E+01	8.59E-01	7.35E-02	3.32E+00	3.57E+00	2.41E-07	9.09E-09	7.45E-07	3.65E-08	1.03E-06
36	1.50E+01	7.50E-01	6.47E-02	2.91E+00	3.12E+00	2.41E-07	9.12E-09	7.47E-07	3.66E-08	1.03E-06
37	1.31E+01	6.54E-01	5.70E-02	2.55E+00	2.72E+00	2.41E-07	9.15E-09	7.48E-07	3.67E-08	1.03E-06
38	1.14E+01	5.71E-01	5.02E-02	2.23E+00	2.38E+00	2.41E-07	9.17E-09	7.49E-07	3.67E-08	1.04E-06
39	9.97E+00	4.99E-01	4.41E-02	1.96E+00	2.07E+00	2.42E-07	9.19E-09	7.49E-07	3.68E-08	1.04E-06
40	8.70E+00	4.35E-01	3.88E-02	1.71E+00	1.81E+00	2.42E-07	9.21E-09	7.50E-07	3.68E-08	1.04E-06
41	7.60E+00	3.80E-01	3.41E-02	1.50E+00	1.58E+00	2.42E-07	9.22E-09	7.51E-07	3.69E-08	1.04E-06
42	6.63E+00	3.32E-01	2.99E-02	1.31E+00	1.38E+00	2.42E-07	9.24E-09	7.51E-07	3.69E-08	1.04E-06
43	5.79E+00	2.90E-01	2.63E-02	1.15E+00	1.20E+00	2.42E-07	9.25E-09	7.52E-07	3.69E-08	1.04E-06
44	5.05E+00	2.53E-01	2.31E-02	1.01E+00	1.05E+00	2.42E-07	9.26E-09	7.52E-07	3.69E-08	1.04E-06
45	4.41E+00	2.21E-01	2.03E-02	8.79E-01	9.18E-01	2.42E-07	9.27E-09	7.52E-07	3.70E-08	1.04E-06
46	3.85E+00	1.93E-01	1.78E-02	7.70E-01	8.01E-01	2.42E-07	9.28E-09	7.53E-07	3.70E-08	1.04E-06
47	3.36E+00	1.68E-01	1.56E-02	6.73E-01	6.99E-01	2.42E-07	9.29E-09	7.53E-07	3.70E-08	1.04E-06
48	2.93E+00	1.47E-01	1.37E-02	5.89E-01	6.10E-01	2.42E-07	9.29E-09	7.53E-07	3.70E-08	1.04E-06
49	2.56E+00	1.28E-01	1.20E-02	5.15E-01	5.33E-01	2.42E-07	9.30E-09	7.54E-07	3.70E-08	1.04E-06
50	2.24E+00	1.12E-01	1.05E-02	4.51E-01	4.65E-01	2.43E-07	9.30E-09	7.54E-07	3.70E-08	1.04E-06
51	1.95E+00	9.76E-02	9.20E-03	3.94E-01	4.06E-01	2.43E-07	9.31E-09	7.54E-07	3.70E-08	1.04E-06
52	1.70E+00	8.52E-02	8.06E-03	3.45E-01	3.54E-01	2.43E-07	9.31E-09	7.54E-07	3.70E-08	1.04E-06
53	1.49E+00	7.44E-02	7.06E-03	3.01E-01	3.09E-01	2.43E-07	9.32E-09	7.54E-07	3.71E-08	1.04E-06
54	1.30E+00	6.49E-02	6.18E-03	2.64E-01	2.70E-01	2.43E-07	9.32E-09	7.54E-07	3.71E-08	1.04E-06
55	1.13E+00	5.67E-02	5.41E-03	2.30E-01	2.36E-01	2.43E-07	9.32E-09	7.54E-07	3.71E-08	1.04E-06
56	9.89E-01	4.95E-02	4.74E-03	2.01E-01	2.06E-01	2.43E-07	9.32E-09	7.54E-07	3.71E-08	1.04E-06
57	8.63E-01	4.32E-02	4.15E-03	1.76E-01	1.80E-01	2.43E-07	9.32E-09	7.55E-07	3.71E-08	1.04E-06
58	7.54E-01	3.77E-02	3.63E-03	1.54E-01	1.57E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
59	6.58E-01	3.29E-02	3.18E-03	1.35E-01	1.37E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06

60	5.74E-01	2.87E-02	2.78E-03	1.18E-01	1.19E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
61	5.01E-01	2.51E-02	2.43E-03	1.03E-01	1.04E-01	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
62	4.38E-01	2.19E-02	2.13E-03	8.99E-02	9.10E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
63	3.82E-01	1.91E-02	1.86E-03	7.85E-02	7.95E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
64	3.33E-01	1.67E-02	1.63E-03	6.86E-02	6.94E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
65	2.91E-01	1.46E-02	1.42E-03	6.00E-02	6.06E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
66	2.54E-01	1.27E-02	1.25E-03	5.24E-02	5.29E-02	2.43E-07	9.33E-09	7.55E-07	3.71E-08	1.04E-06
67	2.22E-01	1.11E-02	1.09E-03	4.58E-02	4.61E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
68	1.94E-01	9.68E-03	9.52E-04	4.00E-02	4.03E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
69	1.69E-01	8.45E-03	8.33E-04	3.50E-02	3.52E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
70	1.47E-01	7.38E-03	7.28E-04	3.06E-02	3.07E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
71	1.29E-01	6.44E-03	6.36E-04	2.67E-02	2.68E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
72	1.12E-01	5.62E-03	5.56E-04	2.33E-02	2.34E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
73	9.81E-02	4.91E-03	4.86E-04	2.04E-02	2.04E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
74	8.56E-02	4.28E-03	4.25E-04	1.78E-02	1.78E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
75	7.48E-02	3.74E-03	3.72E-04	1.55E-02	1.56E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
76	6.53E-02	3.26E-03	3.25E-04	1.36E-02	1.36E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
77	5.70E-02	2.85E-03	2.84E-04	1.19E-02	1.19E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
78	4.97E-02	2.49E-03	2.48E-04	1.04E-02	1.03E-02	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
79	4.34E-02	2.17E-03	2.17E-04	9.05E-03	9.03E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
80	3.79E-02	1.90E-03	1.90E-04	7.91E-03	7.88E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
81	3.31E-02	1.65E-03	1.66E-04	6.90E-03	6.88E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
82	2.89E-02	1.44E-03	1.45E-04	6.03E-03	6.01E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
83	2.52E-02	1.26E-03	1.27E-04	5.27E-03	5.24E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
84	2.20E-02	1.10E-03	1.11E-04	4.60E-03	4.58E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
85	1.92E-02	9.61E-04	9.68E-05	4.02E-03	4.00E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
86	1.68E-02	8.39E-04	8.46E-05	3.51E-03	3.49E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
87	1.46E-02	7.32E-04	7.39E-05	3.06E-03	3.04E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
88	1.28E-02	6.39E-04	6.46E-05	2.68E-03	2.66E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06

89	1.11E-02	5.58E-04	5.65E-05	2.34E-03	2.32E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
90	9.73E-03	4.87E-04	4.94E-05	2.04E-03	2.02E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
91	8.49E-03	4.25E-04	4.32E-05	1.78E-03	1.77E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
92	7.41E-03	3.71E-04	3.77E-05	1.56E-03	1.54E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
93	6.47E-03	3.24E-04	3.30E-05	1.36E-03	1.35E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
94	5.65E-03	2.83E-04	2.88E-05	1.19E-03	1.18E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
95	4.93E-03	2.47E-04	2.52E-05	1.04E-03	1.03E-03	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
96	4.31E-03	2.16E-04	2.20E-05	9.05E-04	8.96E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
97	3.76E-03	1.88E-04	1.93E-05	7.90E-04	7.82E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
98	3.28E-03	1.64E-04	1.69E-05	6.90E-04	6.83E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
99	2.86E-03	1.43E-04	1.47E-05	6.02E-04	5.96E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
100	2.50E-03	1.25E-04	1.29E-05	5.26E-04	5.20E-04	2.43E-07	9.34E-09	7.55E-07	3.71E-08	1.04E-06
Sum										9.57E-05

Concentration of Cs-137 in plant and animal products and dose from ingestion for adults for sandy soil

Sand 100 Days	Concentration					Dose					Total
	Pasture Bq/kg_fw	Veg Bq/kg_fw	Root Bq/kg_fw	Milk Bq/l	Meat Bq/kg_fw	Veg x10E5 mSv	Root x10E5 mSv	Milk x10E5 mSv	Meat x10E5 mSv	x10E5 mSv	
	Pasture (Bq/kg_fw)	Veg (Bq/kg_fw)	Root (Bq/kg_fw)	Milk (Bq/l)	Meat (Bq/kg_fw)	Veg (x10E5 mSv)	Root (x10E5 mSv)	Milk (x10E5 mSv)	Meat (x10E5 mSv)	Total (x10E5 mSv)	
0	2.00E+03	1.00E+02	3.62E-02	0.00E+00	0.00E+00	0	0	0	0	0	
1	1.90E+03	9.52E+01	4.52E+00	5.47E+01	1.05E+01	3.81E-09	1.22E-10	1.98E-09	5.54E-11	5.96584E-09	
2	1.81E+03	9.06E+01	8.17E+00	8.24E+01	2.94E+01	7.43E-09	4.56E-10	6.54E-09	3.37E-10	1.47587E-08	
3	1.72E+03	8.62E+01	1.11E+01	9.66E+01	4.92E+01	1.09E-08	9.60E-10	1.24E-08	8.99E-10	2.51386E-08	
4	1.64E+03	8.21E+01	1.34E+01	1.04E+02	6.79E+01	1.42E-08	1.60E-09	1.89E-08	1.74E-09	3.64389E-08	
5	1.56E+03	7.81E+01	1.53E+01	1.08E+02	8.50E+01	1.73E-08	2.35E-09	2.58E-08	2.83E-09	4.82875E-08	
6	1.49E+03	7.43E+01	1.67E+01	1.09E+02	1.01E+02	2.03E-08	3.18E-09	3.29E-08	4.16E-09	6.04629E-08	
7	1.41E+03	7.07E+01	1.77E+01	1.09E+02	1.15E+02	2.31E-08	4.08E-09	4.00E-08	5.70E-09	7.28231E-08	
8	1.35E+03	6.73E+01	1.84E+01	1.09E+02	1.28E+02	2.58E-08	5.02E-09	4.70E-08	7.43E-09	8.52699E-08	
9	1.28E+03	6.41E+01	1.89E+01	1.07E+02	1.39E+02	2.83E-08	5.99E-09	5.41E-08	9.34E-09	9.77307E-08	
10	1.22E+03	6.10E+01	1.92E+01	1.06E+02	1.49E+02	3.08E-08	6.98E-09	6.10E-08	1.14E-08	1.10149E-07	
11	1.16E+03	5.80E+01	1.93E+01	1.04E+02	1.58E+02	3.31E-08	7.98E-09	6.78E-08	1.36E-08	1.22481E-07	
12	1.10E+03	5.52E+01	1.92E+01	1.02E+02	1.66E+02	3.53E-08	8.98E-09	7.45E-08	1.59E-08	1.34691E-07	
13	1.05E+03	5.25E+01	1.90E+01	9.94E+01	1.73E+02	3.74E-08	9.98E-09	8.10E-08	1.83E-08	1.46749E-07	
14	1.00E+03	5.00E+01	1.88E+01	9.69E+01	1.80E+02	3.94E-08	1.10E-08	8.74E-08	2.09E-08	1.58631E-07	
15	9.51E+02	4.76E+01	1.84E+01	9.43E+01	1.85E+02	4.13E-08	1.19E-08	9.36E-08	2.35E-08	1.70319E-07	
16	9.05E+02	4.53E+01	1.80E+01	9.17E+01	1.90E+02	4.31E-08	1.29E-08	9.97E-08	2.61E-08	1.81798E-07	
17	8.62E+02	4.31E+01	1.76E+01	8.91E+01	1.93E+02	4.48E-08	1.38E-08	1.06E-07	2.89E-08	1.93055E-07	
18	8.20E+02	4.10E+01	1.71E+01	8.64E+01	1.96E+02	4.65E-08	1.47E-08	1.11E-07	3.17E-08	2.04081E-07	
19	7.80E+02	3.90E+01	1.66E+01	8.37E+01	1.99E+02	4.80E-08	1.56E-08	1.17E-07	3.45E-08	2.14869E-07	
20	7.43E+02	3.72E+01	1.60E+01	8.11E+01	2.01E+02	4.95E-08	1.64E-08	1.22E-07	3.73E-08	2.25416E-07	
21	7.07E+02	3.54E+01	1.55E+01	7.85E+01	2.02E+02	5.09E-08	1.72E-08	1.27E-07	4.02E-08	2.35716E-07	

22	6.72E+02	3.37E+01	1.49E+01	7.60E+01	2.03E+02	5.23E-08	1.80E-08	1.32E-07	4.31E-08	2.4577E-07
23	6.40E+02	3.20E+01	1.44E+01	7.35E+01	2.04E+02	5.36E-08	1.88E-08	1.37E-07	4.60E-08	2.55576E-07
24	6.09E+02	3.05E+01	1.38E+01	7.10E+01	2.04E+02	5.48E-08	1.95E-08	1.42E-07	4.89E-08	2.65136E-07
25	5.80E+02	2.90E+01	1.33E+01	6.86E+01	2.04E+02	5.59E-08	2.02E-08	1.46E-07	5.19E-08	2.74449E-07
26	5.52E+02	2.76E+01	1.28E+01	6.63E+01	2.03E+02	5.70E-08	2.09E-08	1.51E-07	5.48E-08	2.8352E-07
27	5.25E+02	2.63E+01	1.22E+01	6.41E+01	2.02E+02	5.81E-08	2.16E-08	1.55E-07	5.77E-08	2.9235E-07
28	5.00E+02	2.50E+01	1.17E+01	6.19E+01	2.01E+02	5.91E-08	2.22E-08	1.59E-07	6.05E-08	3.00942E-07
29	4.75E+02	2.38E+01	1.12E+01	5.98E+01	1.99E+02	6.00E-08	2.28E-08	1.63E-07	6.34E-08	3.09301E-07
30	4.52E+02	2.27E+01	1.08E+01	5.77E+01	1.98E+02	6.10E-08	2.34E-08	1.67E-07	6.62E-08	3.1743E-07
31	4.31E+02	2.16E+01	1.03E+01	5.57E+01	1.96E+02	6.18E-08	2.39E-08	1.71E-07	6.90E-08	3.25334E-07
32	4.10E+02	2.05E+01	9.84E+00	5.38E+01	1.94E+02	6.26E-08	2.44E-08	1.74E-07	7.18E-08	3.33016E-07
33	3.90E+02	1.95E+01	9.41E+00	5.20E+01	1.91E+02	6.34E-08	2.49E-08	1.78E-07	7.46E-08	3.40483E-07
34	3.71E+02	1.86E+01	8.99E+00	5.02E+01	1.89E+02	6.42E-08	2.54E-08	1.81E-07	7.73E-08	3.47737E-07
35	3.53E+02	1.77E+01	8.58E+00	4.85E+01	1.86E+02	6.49E-08	2.59E-08	1.84E-07	8.00E-08	3.54785E-07
36	3.36E+02	1.68E+01	8.19E+00	4.68E+01	1.84E+02	6.55E-08	2.63E-08	1.87E-07	8.26E-08	3.6163E-07
37	3.20E+02	1.60E+01	7.82E+00	4.52E+01	1.81E+02	6.62E-08	2.67E-08	1.90E-07	8.52E-08	3.68279E-07
38	3.04E+02	1.53E+01	7.46E+00	4.37E+01	1.78E+02	6.68E-08	2.71E-08	1.93E-07	8.78E-08	3.74735E-07
39	2.90E+02	1.45E+01	7.12E+00	4.22E+01	1.75E+02	6.74E-08	2.75E-08	1.96E-07	9.03E-08	3.81003E-07
40	2.76E+02	1.38E+01	6.79E+00	4.08E+01	1.72E+02	6.79E-08	2.79E-08	1.99E-07	9.27E-08	3.87089E-07
41	2.62E+02	1.32E+01	6.48E+00	3.94E+01	1.69E+02	6.84E-08	2.82E-08	2.01E-07	9.52E-08	3.92997E-07
42	2.50E+02	1.25E+01	6.17E+00	3.81E+01	1.66E+02	6.89E-08	2.85E-08	2.04E-07	9.76E-08	3.98732E-07
43	2.38E+02	1.19E+01	5.89E+00	3.68E+01	1.62E+02	6.94E-08	2.88E-08	2.06E-07	9.99E-08	4.04298E-07
44	2.26E+02	1.13E+01	5.61E+00	3.56E+01	1.59E+02	6.99E-08	2.91E-08	2.08E-07	1.02E-07	4.09701E-07
45	2.15E+02	1.08E+01	5.35E+00	3.45E+01	1.56E+02	7.03E-08	2.94E-08	2.11E-07	1.04E-07	4.14944E-07
46	2.05E+02	1.03E+01	5.10E+00	3.33E+01	1.53E+02	7.07E-08	2.97E-08	2.13E-07	1.07E-07	4.20032E-07
47	1.95E+02	9.78E+00	4.86E+00	3.22E+01	1.49E+02	7.11E-08	3.00E-08	2.15E-07	1.09E-07	4.24969E-07
48	1.86E+02	9.31E+00	4.63E+00	3.12E+01	1.46E+02	7.15E-08	3.02E-08	2.17E-07	1.11E-07	4.2976E-07
49	1.77E+02	8.86E+00	4.41E+00	3.02E+01	1.43E+02	7.18E-08	3.04E-08	2.19E-07	1.13E-07	4.34409E-07
50	1.68E+02	8.44E+00	4.20E+00	2.92E+01	1.40E+02	7.22E-08	3.07E-08	2.21E-07	1.15E-07	4.38919E-07
51	1.60E+02	8.03E+00	4.00E+00	2.83E+01	1.37E+02	7.25E-08	3.09E-08	2.23E-07	1.17E-07	4.43295E-07
52	1.52E+02	7.64E+00	3.81E+00	2.74E+01	1.33E+02	7.28E-08	3.11E-08	2.25E-07	1.19E-07	4.47541E-07

53	1.45E+02	7.28E+00	3.63E+00	2.65E+01	1.30E+02		7.31E-08	3.13E-08	2.27E-07	1.21E-07	4.5166E-07
54	1.38E+02	6.93E+00	3.46E+00	2.57E+01	1.27E+02		7.34E-08	3.15E-08	2.28E-07	1.23E-07	4.55657E-07
55	1.31E+02	6.59E+00	3.30E+00	2.49E+01	1.24E+02		7.36E-08	3.16E-08	2.30E-07	1.24E-07	4.59534E-07
56	1.25E+02	6.28E+00	3.14E+00	2.42E+01	1.21E+02		7.39E-08	3.18E-08	2.31E-07	1.26E-07	4.63296E-07
57	1.19E+02	5.98E+00	2.99E+00	2.34E+01	1.18E+02		7.41E-08	3.20E-08	2.33E-07	1.28E-07	4.66945E-07
58	1.13E+02	5.69E+00	2.85E+00	2.27E+01	1.15E+02		7.44E-08	3.21E-08	2.34E-07	1.30E-07	4.70485E-07
59	1.08E+02	5.42E+00	2.71E+00	2.20E+01	1.12E+02		7.46E-08	3.23E-08	2.36E-07	1.31E-07	4.73919E-07
60	1.03E+02	5.16E+00	2.58E+00	2.14E+01	1.09E+02		7.48E-08	3.24E-08	2.37E-07	1.33E-07	4.77251E-07
61	9.76E+01	4.91E+00	2.46E+00	2.07E+01	1.06E+02		7.50E-08	3.25E-08	2.39E-07	1.34E-07	4.80483E-07
62	9.29E+01	4.68E+00	2.35E+00	2.01E+01	1.03E+02		7.52E-08	3.26E-08	2.40E-07	1.36E-07	4.83619E-07
63	8.84E+01	4.45E+00	2.23E+00	1.95E+01	1.01E+02		7.53E-08	3.28E-08	2.41E-07	1.37E-07	4.86661E-07
64	8.42E+01	4.24E+00	2.13E+00	1.89E+01	9.80E+01		7.55E-08	3.29E-08	2.43E-07	1.39E-07	4.89612E-07
65	8.01E+01	4.04E+00	2.03E+00	1.84E+01	9.54E+01		7.57E-08	3.30E-08	2.44E-07	1.40E-07	4.92475E-07
66	7.62E+01	3.84E+00	1.93E+00	1.79E+01	9.28E+01		7.58E-08	3.31E-08	2.45E-07	1.41E-07	4.95252E-07
67	7.26E+01	3.66E+00	1.84E+00	1.73E+01	9.02E+01		7.60E-08	3.32E-08	2.46E-07	1.43E-07	4.97947E-07
68	6.91E+01	3.48E+00	1.75E+00	1.69E+01	8.77E+01		7.61E-08	3.33E-08	2.47E-07	1.44E-07	5.00561E-07
69	6.58E+01	3.32E+00	1.67E+00	1.64E+01	8.53E+01		7.62E-08	3.34E-08	2.48E-07	1.45E-07	5.03097E-07
70	6.26E+01	3.16E+00	1.59E+00	1.59E+01	8.29E+01		7.64E-08	3.35E-08	2.49E-07	1.46E-07	5.05558E-07
71	5.96E+01	3.01E+00	1.52E+00	1.55E+01	8.05E+01		7.65E-08	3.35E-08	2.50E-07	1.48E-07	5.07945E-07
72	5.67E+01	2.87E+00	1.44E+00	1.50E+01	7.82E+01		7.66E-08	3.36E-08	2.51E-07	1.49E-07	5.10262E-07
73	5.40E+01	2.73E+00	1.38E+00	1.46E+01	7.60E+01		7.67E-08	3.37E-08	2.52E-07	1.50E-07	5.12509E-07
74	5.14E+01	2.60E+00	1.31E+00	1.42E+01	7.38E+01		7.68E-08	3.38E-08	2.53E-07	1.51E-07	5.1469E-07
75	4.89E+01	2.48E+00	1.25E+00	1.38E+01	7.17E+01		7.69E-08	3.38E-08	2.54E-07	1.52E-07	5.16806E-07
76	4.66E+01	2.36E+00	1.19E+00	1.35E+01	6.96E+01		7.70E-08	3.39E-08	2.55E-07	1.53E-07	5.18859E-07
77	4.43E+01	2.25E+00	1.14E+00	1.31E+01	6.75E+01		7.71E-08	3.39E-08	2.56E-07	1.54E-07	5.20851E-07
78	4.22E+01	2.14E+00	1.08E+00	1.28E+01	6.55E+01		7.72E-08	3.40E-08	2.57E-07	1.55E-07	5.22784E-07
79	4.02E+01	2.04E+00	1.03E+00	1.24E+01	6.36E+01		7.73E-08	3.41E-08	2.58E-07	1.56E-07	5.2466E-07
80	3.83E+01	1.94E+00	9.84E-01	1.21E+01	6.17E+01		7.73E-08	3.41E-08	2.58E-07	1.57E-07	5.26481E-07
81	3.64E+01	1.85E+00	9.38E-01	1.18E+01	5.99E+01		7.74E-08	3.42E-08	2.59E-07	1.58E-07	5.28248E-07
82	3.47E+01	1.76E+00	8.95E-01	1.15E+01	5.81E+01		7.75E-08	3.42E-08	2.60E-07	1.58E-07	5.29962E-07
83	3.30E+01	1.68E+00	8.53E-01	1.12E+01	5.63E+01		7.76E-08	3.43E-08	2.61E-07	1.59E-07	5.31627E-07

84	3.14E+01	1.60E+00	8.14E-01	1.09E+01	5.46E+01		7.76E-08	3.43E-08	2.61E-07	1.60E-07		5.33242E-07
85	2.99E+01	1.53E+00	7.76E-01	1.06E+01	5.29E+01		7.77E-08	3.43E-08	2.62E-07	1.61E-07		5.3481E-07
86	2.85E+01	1.46E+00	7.40E-01	1.03E+01	5.13E+01		7.77E-08	3.44E-08	2.63E-07	1.61E-07		5.36331E-07
87	2.71E+01	1.39E+00	7.06E-01	1.01E+01	4.97E+01		7.78E-08	3.44E-08	2.63E-07	1.62E-07		5.37808E-07
88	2.58E+01	1.32E+00	6.74E-01	9.81E+00	4.82E+01		7.78E-08	3.45E-08	2.64E-07	1.63E-07		5.39242E-07
89	2.46E+01	1.26E+00	6.43E-01	9.57E+00	4.67E+01		7.79E-08	3.45E-08	2.65E-07	1.64E-07		5.40634E-07
90	2.34E+01	1.20E+00	6.14E-01	9.33E+00	4.53E+01		7.79E-08	3.45E-08	2.65E-07	1.64E-07		5.41986E-07
91	2.23E+01	1.15E+00	5.86E-01	9.10E+00	4.38E+01		7.80E-08	3.46E-08	2.66E-07	1.65E-07		5.43297E-07
92	2.12E+01	1.09E+00	5.59E-01	8.87E+00	4.25E+01		7.80E-08	3.46E-08	2.66E-07	1.65E-07		5.44571E-07
93	2.02E+01	1.04E+00	5.34E-01	8.66E+00	4.11E+01		7.81E-08	3.46E-08	2.67E-07	1.66E-07		5.45808E-07
94	1.93E+01	9.94E-01	5.10E-01	8.45E+00	3.98E+01		7.81E-08	3.46E-08	2.68E-07	1.67E-07		5.47009E-07
95	1.84E+01	9.48E-01	4.87E-01	8.24E+00	3.86E+01		7.82E-08	3.47E-08	2.68E-07	1.67E-07		5.48175E-07
96	1.75E+01	9.05E-01	4.65E-01	8.04E+00	3.74E+01		7.82E-08	3.47E-08	2.69E-07	1.68E-07		5.49307E-07
97	1.67E+01	8.63E-01	4.44E-01	7.85E+00	3.62E+01		7.82E-08	3.47E-08	2.69E-07	1.68E-07		5.50407E-07
98	1.59E+01	8.24E-01	4.25E-01	7.66E+00	3.50E+01		7.83E-08	3.47E-08	2.70E-07	1.69E-07		5.51475E-07
99	1.51E+01	7.86E-01	4.06E-01	7.48E+00	3.39E+01		7.83E-08	3.48E-08	2.70E-07	1.69E-07		5.52512E-07
100	1.44E+01	7.50E-01	3.88E-01	7.30E+00	3.28E+01		7.83E-08	3.48E-08	2.71E-07	1.70E-07		5.5352E-07
Sum												3.83928E-05

Concentration of Cs-137 in plant and animal products and dose from ingestion for adults for clay soil

Clay 100 Days	Concentration					Dose from ingestion					Total mSv
	Pasture	Veg	Root	Milk	Meat	Veg	Root	Milk	Meat		
	Bq/kg_fw	Bq/kg_fw	Bq/kg_fw	Bq/l	Bq/kg_fw	mSv	mSv	mSv	mSv		
	Pasture (Bq/kg_fw)	Veg (Bq/kg_fw)	Root (Bq/kg_fw)	Milk (Bq/l)	Meat (Bq/kg_fw)	Veg (mSv)	Root (mSv)	Milk (mSv)	Meat (mSv)	Total (mSv)	
0	2.00E+03	1.00E+02	0.014	0.00E+00	0.00E+00	0	0	0	0	0	
1	1.90E+03	9.52E+01	4.50E+00	5.47E+01	1.05E+01	3.81E-09	1.21E-10	1.98E-09	5.54E-11	5.96302E-09	
2	1.81E+03	9.06E+01	8.15E+00	8.24E+01	2.94E+01	7.43E-09	4.53E-10	6.54E-09	3.37E-10	1.47529E-08	
3	1.72E+03	8.62E+01	1.11E+01	9.66E+01	4.92E+01	1.09E-08	9.56E-10	1.24E-08	8.99E-10	2.51296E-08	
4	1.64E+03	8.20E+01	1.34E+01	1.04E+02	6.79E+01	1.42E-08	1.60E-09	1.89E-08	1.74E-09	3.64268E-08	
5	1.56E+03	7.81E+01	1.53E+01	1.07E+02	8.50E+01	1.73E-08	2.34E-09	2.58E-08	2.83E-09	4.82721E-08	
6	1.49E+03	7.43E+01	1.66E+01	1.09E+02	1.01E+02	2.02E-08	3.17E-09	3.29E-08	4.16E-09	6.04442E-08	
7	1.41E+03	7.07E+01	1.77E+01	1.09E+02	1.15E+02	2.31E-08	4.07E-09	4.00E-08	5.70E-09	7.28011E-08	
8	1.35E+03	6.73E+01	1.84E+01	1.09E+02	1.28E+02	2.58E-08	5.01E-09	4.70E-08	7.43E-09	8.52445E-08	
9	1.28E+03	6.40E+01	1.89E+01	1.07E+02	1.39E+02	2.83E-08	5.98E-09	5.41E-08	9.34E-09	9.77018E-08	
10	1.22E+03	6.09E+01	1.92E+01	1.06E+02	1.49E+02	3.08E-08	6.97E-09	6.10E-08	1.14E-08	1.10117E-07	
11	1.16E+03	5.80E+01	1.92E+01	1.04E+02	1.58E+02	3.31E-08	7.97E-09	6.78E-08	1.36E-08	1.22446E-07	
12	1.10E+03	5.52E+01	1.92E+01	1.02E+02	1.66E+02	3.53E-08	8.97E-09	7.45E-08	1.59E-08	1.34652E-07	
13	1.05E+03	5.25E+01	1.90E+01	9.93E+01	1.73E+02	3.74E-08	9.96E-09	8.10E-08	1.83E-08	1.46706E-07	
14	9.99E+02	5.00E+01	1.87E+01	9.69E+01	1.80E+02	3.94E-08	1.09E-08	8.74E-08	2.09E-08	1.58585E-07	
15	9.51E+02	4.76E+01	1.84E+01	9.43E+01	1.85E+02	4.13E-08	1.19E-08	9.36E-08	2.35E-08	1.70269E-07	
16	9.05E+02	4.53E+01	1.80E+01	9.17E+01	1.89E+02	4.31E-08	1.29E-08	9.97E-08	2.61E-08	1.81744E-07	
17	8.61E+02	4.31E+01	1.75E+01	8.90E+01	1.93E+02	4.48E-08	1.38E-08	1.06E-07	2.89E-08	1.92997E-07	
18	8.20E+02	4.10E+01	1.71E+01	8.64E+01	1.96E+02	4.64E-08	1.47E-08	1.11E-07	3.17E-08	2.0402E-07	
19	7.80E+02	3.90E+01	1.65E+01	8.37E+01	1.99E+02	4.80E-08	1.56E-08	1.17E-07	3.45E-08	2.14805E-07	
20	7.42E+02	3.71E+01	1.60E+01	8.11E+01	2.01E+02	4.95E-08	1.64E-08	1.22E-07	3.73E-08	2.25347E-07	
21	7.07E+02	3.53E+01	1.55E+01	7.85E+01	2.02E+02	5.09E-08	1.72E-08	1.27E-07	4.02E-08	2.35645E-07	

22	6.72E+02	3.36E+01	1.49E+01	7.60E+01	2.03E+02		5.22E-08	1.80E-08	1.32E-07	4.31E-08		2.45695E-07
23	6.40E+02	3.20E+01	1.44E+01	7.35E+01	2.04E+02		5.35E-08	1.88E-08	1.37E-07	4.60E-08		2.55497E-07
24	6.09E+02	3.04E+01	1.38E+01	7.10E+01	2.04E+02		5.47E-08	1.95E-08	1.42E-07	4.89E-08		2.65053E-07
25	5.80E+02	2.90E+01	1.33E+01	6.86E+01	2.04E+02		5.59E-08	2.02E-08	1.46E-07	5.19E-08		2.74363E-07
26	5.51E+02	2.76E+01	1.27E+01	6.63E+01	2.03E+02		5.70E-08	2.09E-08	1.51E-07	5.48E-08		2.83429E-07
27	5.25E+02	2.62E+01	1.22E+01	6.40E+01	2.02E+02		5.81E-08	2.15E-08	1.55E-07	5.76E-08		2.92255E-07
28	4.99E+02	2.50E+01	1.17E+01	6.19E+01	2.01E+02		5.91E-08	2.22E-08	1.59E-07	6.05E-08		3.00844E-07
29	4.75E+02	2.38E+01	1.12E+01	5.97E+01	1.99E+02		6.00E-08	2.28E-08	1.63E-07	6.34E-08		3.09199E-07
30	4.52E+02	2.26E+01	1.07E+01	5.77E+01	1.98E+02		6.09E-08	2.33E-08	1.67E-07	6.62E-08		3.17324E-07
31	4.30E+02	2.15E+01	1.03E+01	5.57E+01	1.96E+02		6.18E-08	2.39E-08	1.71E-07	6.90E-08		3.25224E-07
32	4.10E+02	2.05E+01	9.82E+00	5.38E+01	1.94E+02		6.26E-08	2.44E-08	1.74E-07	7.18E-08		3.32903E-07
33	3.90E+02	1.95E+01	9.38E+00	5.20E+01	1.91E+02		6.34E-08	2.49E-08	1.78E-07	7.46E-08		3.40366E-07
34	3.71E+02	1.85E+01	8.96E+00	5.02E+01	1.89E+02		6.41E-08	2.54E-08	1.81E-07	7.73E-08		3.47616E-07
35	3.53E+02	1.77E+01	8.56E+00	4.85E+01	1.86E+02		6.48E-08	2.58E-08	1.84E-07	7.99E-08		3.5466E-07
36	3.36E+02	1.68E+01	8.17E+00	4.68E+01	1.83E+02		6.55E-08	2.63E-08	1.87E-07	8.26E-08		3.61502E-07
37	3.20E+02	1.60E+01	7.80E+00	4.52E+01	1.81E+02		6.61E-08	2.67E-08	1.90E-07	8.52E-08		3.68146E-07
38	3.04E+02	1.52E+01	7.44E+00	4.37E+01	1.78E+02		6.67E-08	2.71E-08	1.93E-07	8.77E-08		3.74599E-07
39	2.90E+02	1.45E+01	7.10E+00	4.22E+01	1.75E+02		6.73E-08	2.74E-08	1.96E-07	9.03E-08		3.80863E-07
40	2.76E+02	1.38E+01	6.77E+00	4.08E+01	1.72E+02		6.79E-08	2.78E-08	1.99E-07	9.27E-08		3.86945E-07
41	2.62E+02	1.31E+01	6.45E+00	3.94E+01	1.69E+02		6.84E-08	2.82E-08	2.01E-07	9.52E-08		3.92849E-07
42	2.50E+02	1.25E+01	6.15E+00	3.81E+01	1.65E+02		6.89E-08	2.85E-08	2.04E-07	9.76E-08		3.9858E-07
43	2.38E+02	1.19E+01	5.86E+00	3.68E+01	1.62E+02		6.94E-08	2.88E-08	2.06E-07	9.99E-08		4.04143E-07
44	2.26E+02	1.13E+01	5.59E+00	3.56E+01	1.59E+02		6.98E-08	2.91E-08	2.08E-07	1.02E-07		4.09541E-07
45	2.15E+02	1.08E+01	5.33E+00	3.44E+01	1.56E+02		7.02E-08	2.94E-08	2.11E-07	1.04E-07		4.1478E-07
46	2.05E+02	1.02E+01	5.07E+00	3.33E+01	1.53E+02		7.07E-08	2.96E-08	2.13E-07	1.07E-07		4.19864E-07
47	1.95E+02	9.74E+00	4.83E+00	3.22E+01	1.49E+02		7.10E-08	2.99E-08	2.15E-07	1.09E-07		4.24798E-07
48	1.85E+02	9.27E+00	4.61E+00	3.12E+01	1.46E+02		7.14E-08	3.01E-08	2.17E-07	1.11E-07		4.29585E-07
49	1.77E+02	8.82E+00	4.39E+00	3.02E+01	1.43E+02		7.18E-08	3.04E-08	2.19E-07	1.13E-07		4.34229E-07
50	1.68E+02	8.40E+00	4.18E+00	2.92E+01	1.40E+02		7.21E-08	3.06E-08	2.21E-07	1.15E-07		4.38736E-07
51	1.60E+02	7.99E+00	3.98E+00	2.83E+01	1.37E+02		7.24E-08	3.08E-08	2.23E-07	1.17E-07		4.43108E-07
52	1.52E+02	7.61E+00	3.79E+00	2.74E+01	1.33E+02		7.27E-08	3.10E-08	2.25E-07	1.19E-07		4.4735E-07

53	1.45E+02	7.24E+00	3.61E+00	2.65E+01	1.30E+02		7.30E-08	3.12E-08	2.26E-07	1.21E-07		4.51466E-07
54	1.38E+02	6.89E+00	3.44E+00	2.57E+01	1.27E+02		7.33E-08	3.14E-08	2.28E-07	1.23E-07		4.55458E-07
55	1.31E+02	6.56E+00	3.27E+00	2.49E+01	1.24E+02		7.35E-08	3.16E-08	2.30E-07	1.24E-07		4.59331E-07
56	1.25E+02	6.24E+00	3.12E+00	2.41E+01	1.21E+02		7.38E-08	3.17E-08	2.31E-07	1.26E-07		4.63089E-07
57	1.19E+02	5.94E+00	2.97E+00	2.34E+01	1.18E+02		7.40E-08	3.19E-08	2.33E-07	1.28E-07		4.66734E-07
58	1.13E+02	5.65E+00	2.83E+00	2.27E+01	1.15E+02		7.43E-08	3.20E-08	2.34E-07	1.30E-07		4.7027E-07
59	1.08E+02	5.38E+00	2.69E+00	2.20E+01	1.12E+02		7.45E-08	3.22E-08	2.36E-07	1.31E-07		4.73701E-07
60	1.02E+02	5.12E+00	2.56E+00	2.13E+01	1.09E+02		7.47E-08	3.23E-08	2.37E-07	1.33E-07		4.77028E-07
61	9.75E+01	4.87E+00	2.44E+00	2.07E+01	1.06E+02		7.49E-08	3.25E-08	2.39E-07	1.34E-07		4.80257E-07
62	9.28E+01	4.64E+00	2.32E+00	2.01E+01	1.03E+02		7.51E-08	3.26E-08	2.40E-07	1.36E-07		4.83388E-07
63	8.83E+01	4.41E+00	2.21E+00	1.95E+01	1.01E+02		7.52E-08	3.27E-08	2.41E-07	1.37E-07		4.86426E-07
64	8.40E+01	4.20E+00	2.11E+00	1.89E+01	9.80E+01		7.54E-08	3.28E-08	2.43E-07	1.39E-07		4.89373E-07
65	8.00E+01	4.00E+00	2.01E+00	1.84E+01	9.53E+01		7.56E-08	3.29E-08	2.44E-07	1.40E-07		4.92232E-07
66	7.61E+01	3.80E+00	1.91E+00	1.78E+01	9.27E+01		7.57E-08	3.30E-08	2.45E-07	1.41E-07		4.95006E-07
67	7.25E+01	3.62E+00	1.82E+00	1.73E+01	9.02E+01		7.59E-08	3.31E-08	2.46E-07	1.43E-07		4.97696E-07
68	6.90E+01	3.44E+00	1.73E+00	1.68E+01	8.77E+01		7.60E-08	3.32E-08	2.47E-07	1.44E-07		5.00307E-07
69	6.56E+01	3.28E+00	1.65E+00	1.64E+01	8.52E+01		7.61E-08	3.33E-08	2.48E-07	1.45E-07		5.02839E-07
70	6.25E+01	3.12E+00	1.57E+00	1.59E+01	8.28E+01		7.63E-08	3.34E-08	2.49E-07	1.46E-07		5.05295E-07
71	5.95E+01	2.97E+00	1.49E+00	1.55E+01	8.05E+01		7.64E-08	3.35E-08	2.50E-07	1.48E-07		5.07679E-07
72	5.66E+01	2.83E+00	1.42E+00	1.50E+01	7.82E+01		7.65E-08	3.35E-08	2.51E-07	1.49E-07		5.09991E-07
73	5.39E+01	2.69E+00	1.35E+00	1.46E+01	7.60E+01		7.66E-08	3.36E-08	2.52E-07	1.50E-07		5.12235E-07
74	5.13E+01	2.56E+00	1.29E+00	1.42E+01	7.38E+01		7.67E-08	3.37E-08	2.53E-07	1.51E-07		5.14411E-07
75	4.88E+01	2.44E+00	1.23E+00	1.38E+01	7.16E+01		7.68E-08	3.37E-08	2.54E-07	1.52E-07		5.16523E-07
76	4.65E+01	2.32E+00	1.17E+00	1.34E+01	6.95E+01		7.69E-08	3.38E-08	2.55E-07	1.53E-07		5.18572E-07
77	4.42E+01	2.21E+00	1.11E+00	1.31E+01	6.75E+01		7.70E-08	3.39E-08	2.56E-07	1.54E-07		5.2056E-07
78	4.21E+01	2.10E+00	1.06E+00	1.27E+01	6.55E+01		7.71E-08	3.39E-08	2.57E-07	1.55E-07		5.2249E-07
79	4.01E+01	2.00E+00	1.01E+00	1.24E+01	6.36E+01		7.71E-08	3.40E-08	2.58E-07	1.56E-07		5.24362E-07
80	3.81E+01	1.90E+00	9.62E-01	1.21E+01	6.17E+01		7.72E-08	3.40E-08	2.58E-07	1.57E-07		5.26178E-07
81	3.63E+01	1.81E+00	9.16E-01	1.18E+01	5.98E+01		7.73E-08	3.41E-08	2.59E-07	1.57E-07		5.27941E-07
82	3.46E+01	1.72E+00	8.73E-01	1.14E+01	5.80E+01		7.74E-08	3.41E-08	2.60E-07	1.58E-07		5.29651E-07
83	3.29E+01	1.64E+00	8.31E-01	1.12E+01	5.63E+01		7.74E-08	3.42E-08	2.61E-07	1.59E-07		5.31312E-07

84	3.13E+01	1.56E+00	7.92E-01	1.09E+01	5.46E+01		7.75E-08	3.42E-08	2.61E-07	1.60E-07		5.32923E-07
85	2.98E+01	1.49E+00	7.54E-01	1.06E+01	5.29E+01		7.75E-08	3.42E-08	2.62E-07	1.61E-07		5.34486E-07
86	2.84E+01	1.42E+00	7.18E-01	1.03E+01	5.13E+01		7.76E-08	3.43E-08	2.63E-07	1.61E-07		5.36004E-07
87	2.70E+01	1.35E+00	6.84E-01	1.01E+01	4.97E+01		7.77E-08	3.43E-08	2.63E-07	1.62E-07		5.37477E-07
88	2.57E+01	1.28E+00	6.52E-01	9.80E+00	4.82E+01		7.77E-08	3.44E-08	2.64E-07	1.63E-07		5.38907E-07
89	2.45E+01	1.22E+00	6.21E-01	9.56E+00	4.67E+01		7.78E-08	3.44E-08	2.65E-07	1.64E-07		5.40295E-07
90	2.33E+01	1.16E+00	5.92E-01	9.32E+00	4.52E+01		7.78E-08	3.44E-08	2.65E-07	1.64E-07		5.41642E-07
91	2.22E+01	1.11E+00	5.64E-01	9.09E+00	4.38E+01		7.78E-08	3.44E-08	2.66E-07	1.65E-07		5.4295E-07
92	2.11E+01	1.05E+00	5.37E-01	8.86E+00	4.24E+01		7.79E-08	3.45E-08	2.66E-07	1.65E-07		5.4422E-07
93	2.01E+01	1.00E+00	5.12E-01	8.64E+00	4.11E+01		7.79E-08	3.45E-08	2.67E-07	1.66E-07		5.45453E-07
94	1.92E+01	9.55E-01	4.88E-01	8.43E+00	3.98E+01		7.80E-08	3.45E-08	2.68E-07	1.67E-07		5.46649E-07
95	1.82E+01	9.09E-01	4.65E-01	8.23E+00	3.86E+01		7.80E-08	3.46E-08	2.68E-07	1.67E-07		5.47811E-07
96	1.74E+01	8.65E-01	4.43E-01	8.03E+00	3.73E+01		7.80E-08	3.46E-08	2.69E-07	1.68E-07		5.4894E-07
97	1.65E+01	8.24E-01	4.22E-01	7.84E+00	3.61E+01		7.81E-08	3.46E-08	2.69E-07	1.68E-07		5.50035E-07
98	1.57E+01	7.84E-01	4.03E-01	7.65E+00	3.50E+01		7.81E-08	3.46E-08	2.70E-07	1.69E-07		5.51099E-07
99	1.50E+01	7.47E-01	3.84E-01	7.47E+00	3.39E+01		7.81E-08	3.46E-08	2.70E-07	1.69E-07		5.52132E-07
100	1.43E+01	7.11E-01	3.66E-01	7.29E+00	3.28E+01		7.82E-08	3.47E-08	2.71E-07	1.70E-07		5.53136E-07
Sum												3.83741E-05

Concentration of Sr-90 in plant and animal products and dose from ingestion for adults for sandy soil

Sand 100 Days	Concentration					Dose					Total
	Pasture	Veg	Root	Milk	Meat	Veg	Root	Milk	Meat		
	Bq/kg_fw	Bq/kg_fw	Bq/kg_fw	Bq/l	Bq/kg_fw	x10E5 mSv	x10E5 mSv	x10E5 mSv	x10E5 mSv	x10E5 mSv	
	Pasture (Bq/kg_fw)	Veg (Bq/kg_fw)	Root (Bq/kg_fw)	Milk (Bq/l)	Meat (Bq/kg_fw)	Veg (x10E5 mSv)	Root (x10E5 mSv)	Milk (x10E5 mSv)	Meat (x10E5 mSv)	Total (x10E5 mSv)	
0	2.00E+03	1.01E+02	6.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
1	1.91E+03	9.58E+01	5.13E+00	7.41E+00	5.19E-02	9.13E-09	3.67E-10	6.11E-10	6.54E-13	1.01E-08	
2	1.81E+03	9.12E+01	8.78E+00	1.24E+01	1.46E-01	1.78E-08	1.24E-09	2.18E-09	3.98E-12	2.12E-08	
3	1.73E+03	8.68E+01	1.17E+01	1.58E+01	2.46E-01	2.61E-08	2.51E-09	4.38E-09	1.06E-11	3.30E-08	
4	1.64E+03	8.27E+01	1.41E+01	1.79E+01	3.42E-01	3.40E-08	4.12E-09	7.00E-09	2.07E-11	4.51E-08	
5	1.56E+03	7.87E+01	1.59E+01	1.92E+01	4.35E-01	4.15E-08	5.98E-09	9.89E-09	3.39E-11	5.74E-08	
6	1.49E+03	7.49E+01	1.73E+01	1.98E+01	5.22E-01	4.86E-08	8.04E-09	1.29E-08	5.02E-11	6.96E-08	
7	1.42E+03	7.13E+01	1.83E+01	2.00E+01	6.04E-01	5.54E-08	1.02E-08	1.60E-08	6.94E-11	8.18E-08	
8	1.35E+03	6.79E+01	1.90E+01	2.00E+01	6.81E-01	6.19E-08	1.26E-08	1.91E-08	9.13E-11	9.37E-08	
9	1.28E+03	6.47E+01	1.95E+01	1.97E+01	7.54E-01	6.81E-08	1.50E-08	2.22E-08	1.16E-10	1.05E-07	
10	1.22E+03	6.16E+01	1.98E+01	1.93E+01	8.22E-01	7.39E-08	1.74E-08	2.52E-08	1.43E-10	1.17E-07	
11	1.16E+03	5.86E+01	1.99E+01	1.88E+01	8.87E-01	7.95E-08	1.99E-08	2.82E-08	1.72E-10	1.28E-07	
12	1.11E+03	5.58E+01	1.98E+01	1.82E+01	9.48E-01	8.49E-08	2.23E-08	3.10E-08	2.03E-10	1.38E-07	
13	1.05E+03	5.32E+01	1.96E+01	1.76E+01	1.00E+00	8.99E-08	2.48E-08	3.38E-08	2.36E-10	1.49E-07	
14	1.00E+03	5.06E+01	1.94E+01	1.70E+01	1.06E+00	9.47E-08	2.72E-08	3.65E-08	2.71E-10	1.59E-07	
15	9.53E+02	4.82E+01	1.90E+01	1.64E+01	1.11E+00	9.93E-08	2.96E-08	3.90E-08	3.08E-10	1.68E-07	
16	9.07E+02	4.59E+01	1.86E+01	1.57E+01	1.16E+00	1.04E-07	3.19E-08	4.15E-08	3.47E-10	1.78E-07	
17	8.63E+02	4.37E+01	1.82E+01	1.51E+01	1.20E+00	1.08E-07	3.42E-08	4.39E-08	3.87E-10	1.86E-07	
18	8.21E+02	4.16E+01	1.77E+01	1.46E+01	1.24E+00	1.12E-07	3.64E-08	4.62E-08	4.28E-10	1.95E-07	
19	7.82E+02	3.97E+01	1.72E+01	1.40E+01	1.28E+00	1.16E-07	3.86E-08	4.84E-08	4.71E-10	2.03E-07	
20	7.44E+02	3.78E+01	1.66E+01	1.34E+01	1.31E+00	1.19E-07	4.07E-08	5.06E-08	5.15E-10	2.11E-07	
21	7.08E+02	3.60E+01	1.61E+01	1.29E+01	1.35E+00	1.23E-07	4.27E-08	5.26E-08	5.61E-10	2.19E-07	

22	6.74E+02	3.43E+01	1.55E+01	1.24E+01	1.38E+00	1.26E-07	4.47E-08	5.46E-08	6.07E-10	2.26E-07
23	6.42E+02	3.26E+01	1.50E+01	1.19E+01	1.41E+00	1.29E-07	4.65E-08	5.64E-08	6.55E-10	2.33E-07
24	6.11E+02	3.11E+01	1.44E+01	1.14E+01	1.44E+00	1.32E-07	4.84E-08	5.82E-08	7.03E-10	2.39E-07
25	5.81E+02	2.96E+01	1.39E+01	1.09E+01	1.46E+00	1.35E-07	5.01E-08	6.00E-08	7.52E-10	2.46E-07
26	5.53E+02	2.82E+01	1.34E+01	1.05E+01	1.48E+00	1.38E-07	5.18E-08	6.16E-08	8.03E-10	2.52E-07
27	5.26E+02	2.69E+01	1.28E+01	1.01E+01	1.50E+00	1.40E-07	5.34E-08	6.32E-08	8.53E-10	2.58E-07
28	5.01E+02	2.56E+01	1.23E+01	9.65E+00	1.52E+00	1.43E-07	5.50E-08	6.47E-08	9.05E-10	2.63E-07
29	4.77E+02	2.44E+01	1.18E+01	9.26E+00	1.54E+00	1.45E-07	5.65E-08	6.62E-08	9.57E-10	2.69E-07
30	4.54E+02	2.33E+01	1.14E+01	8.88E+00	1.56E+00	1.47E-07	5.79E-08	6.76E-08	1.01E-09	2.74E-07
31	4.32E+02	2.22E+01	1.09E+01	8.52E+00	1.57E+00	1.49E-07	5.93E-08	6.90E-08	1.06E-09	2.79E-07
32	4.11E+02	2.11E+01	1.04E+01	8.17E+00	1.59E+00	1.51E-07	6.06E-08	7.03E-08	1.12E-09	2.83E-07
33	3.92E+02	2.01E+01	1.00E+01	7.84E+00	1.60E+00	1.53E-07	6.19E-08	7.15E-08	1.17E-09	2.88E-07
34	3.73E+02	1.92E+01	9.59E+00	7.52E+00	1.61E+00	1.55E-07	6.31E-08	7.27E-08	1.23E-09	2.92E-07
35	3.55E+02	1.83E+01	9.19E+00	7.21E+00	1.62E+00	1.57E-07	6.43E-08	7.38E-08	1.28E-09	2.96E-07
36	3.38E+02	1.74E+01	8.80E+00	6.92E+00	1.63E+00	1.58E-07	6.54E-08	7.49E-08	1.34E-09	3.00E-07
37	3.21E+02	1.66E+01	8.42E+00	6.64E+00	1.64E+00	1.60E-07	6.65E-08	7.60E-08	1.39E-09	3.04E-07
38	3.06E+02	1.59E+01	8.07E+00	6.37E+00	1.64E+00	1.61E-07	6.75E-08	7.70E-08	1.45E-09	3.07E-07
39	2.91E+02	1.51E+01	7.72E+00	6.11E+00	1.65E+00	1.63E-07	6.85E-08	7.79E-08	1.50E-09	3.11E-07
40	2.77E+02	1.44E+01	7.39E+00	5.86E+00	1.65E+00	1.64E-07	6.94E-08	7.89E-08	1.56E-09	3.14E-07
41	2.64E+02	1.38E+01	7.08E+00	5.62E+00	1.66E+00	1.66E-07	7.03E-08	7.98E-08	1.62E-09	3.17E-07
42	2.51E+02	1.31E+01	6.78E+00	5.39E+00	1.66E+00	1.67E-07	7.12E-08	8.06E-08	1.67E-09	3.20E-07
43	2.39E+02	1.25E+01	6.49E+00	5.17E+00	1.66E+00	1.68E-07	7.20E-08	8.14E-08	1.73E-09	3.23E-07
44	2.28E+02	1.19E+01	6.21E+00	4.96E+00	1.66E+00	1.69E-07	7.28E-08	8.22E-08	1.79E-09	3.26E-07
45	2.17E+02	1.14E+01	5.95E+00	4.76E+00	1.67E+00	1.70E-07	7.35E-08	8.30E-08	1.84E-09	3.29E-07
46	2.06E+02	1.09E+01	5.70E+00	4.57E+00	1.67E+00	1.71E-07	7.43E-08	8.37E-08	1.90E-09	3.31E-07
47	1.97E+02	1.04E+01	5.46E+00	4.38E+00	1.67E+00	1.72E-07	7.49E-08	8.44E-08	1.96E-09	3.34E-07
48	1.87E+02	9.92E+00	5.23E+00	4.20E+00	1.67E+00	1.73E-07	7.56E-08	8.50E-08	2.01E-09	3.36E-07
49	1.78E+02	9.47E+00	5.01E+00	4.03E+00	1.66E+00	1.74E-07	7.62E-08	8.57E-08	2.07E-09	3.38E-07
50	1.70E+02	9.04E+00	4.80E+00	3.87E+00	1.66E+00	1.75E-07	7.69E-08	8.63E-08	2.13E-09	3.40E-07
51	1.62E+02	8.64E+00	4.60E+00	3.71E+00	1.66E+00	1.76E-07	7.74E-08	8.69E-08	2.18E-09	3.42E-07
52	1.54E+02	8.25E+00	4.41E+00	3.56E+00	1.66E+00	1.77E-07	7.80E-08	8.75E-08	2.24E-09	3.44E-07

53	1.46E+02	7.88E+00	4.23E+00	3.42E+00	1.65E+00	1.77E-07	7.85E-08	8.80E-08	2.30E-09	3.46E-07
54	1.39E+02	7.54E+00	4.06E+00	3.28E+00	1.65E+00	1.78E-07	7.90E-08	8.85E-08	2.35E-09	3.48E-07
55	1.33E+02	7.20E+00	3.90E+00	3.14E+00	1.65E+00	1.79E-07	7.95E-08	8.90E-08	2.41E-09	3.50E-07
56	1.26E+02	6.89E+00	3.74E+00	3.02E+00	1.64E+00	1.79E-07	8.00E-08	8.95E-08	2.46E-09	3.51E-07
57	1.20E+02	6.58E+00	3.59E+00	2.89E+00	1.64E+00	1.80E-07	8.05E-08	8.99E-08	2.52E-09	3.53E-07
58	1.15E+02	6.30E+00	3.45E+00	2.78E+00	1.63E+00	1.81E-07	8.09E-08	9.04E-08	2.58E-09	3.54E-07
59	1.09E+02	6.02E+00	3.32E+00	2.66E+00	1.63E+00	1.81E-07	8.13E-08	9.08E-08	2.63E-09	3.56E-07
60	1.04E+02	5.76E+00	3.19E+00	2.56E+00	1.62E+00	1.82E-07	8.17E-08	9.12E-08	2.69E-09	3.57E-07
61	9.91E+01	5.52E+00	3.06E+00	2.45E+00	1.62E+00	1.82E-07	8.21E-08	9.16E-08	2.74E-09	3.59E-07
62	9.44E+01	5.28E+00	2.95E+00	2.35E+00	1.61E+00	1.83E-07	8.25E-08	9.20E-08	2.80E-09	3.60E-07
63	9.00E+01	5.06E+00	2.84E+00	2.26E+00	1.60E+00	1.83E-07	8.28E-08	9.23E-08	2.85E-09	3.61E-07
64	8.57E+01	4.85E+00	2.73E+00	2.17E+00	1.60E+00	1.84E-07	8.32E-08	9.27E-08	2.91E-09	3.62E-07
65	8.16E+01	4.64E+00	2.63E+00	2.08E+00	1.59E+00	1.84E-07	8.35E-08	9.30E-08	2.96E-09	3.64E-07
66	7.78E+01	4.45E+00	2.53E+00	2.00E+00	1.58E+00	1.85E-07	8.38E-08	9.33E-08	3.01E-09	3.65E-07
67	7.41E+01	4.27E+00	2.44E+00	1.92E+00	1.58E+00	1.85E-07	8.42E-08	9.36E-08	3.07E-09	3.66E-07
68	7.06E+01	4.09E+00	2.35E+00	1.84E+00	1.57E+00	1.85E-07	8.44E-08	9.39E-08	3.12E-09	3.67E-07
69	6.73E+01	3.93E+00	2.27E+00	1.76E+00	1.56E+00	1.86E-07	8.47E-08	9.42E-08	3.18E-09	3.68E-07
70	6.41E+01	3.77E+00	2.19E+00	1.69E+00	1.56E+00	1.86E-07	8.50E-08	9.45E-08	3.23E-09	3.69E-07
71	6.11E+01	3.62E+00	2.12E+00	1.63E+00	1.55E+00	1.86E-07	8.53E-08	9.47E-08	3.28E-09	3.70E-07
72	5.83E+01	3.47E+00	2.05E+00	1.56E+00	1.54E+00	1.87E-07	8.55E-08	9.50E-08	3.33E-09	3.71E-07
73	5.55E+01	3.34E+00	1.98E+00	1.50E+00	1.53E+00	1.87E-07	8.58E-08	9.52E-08	3.39E-09	3.71E-07
74	5.29E+01	3.21E+00	1.91E+00	1.44E+00	1.53E+00	1.87E-07	8.60E-08	9.54E-08	3.44E-09	3.72E-07
75	5.05E+01	3.08E+00	1.85E+00	1.38E+00	1.52E+00	1.88E-07	8.63E-08	9.56E-08	3.49E-09	3.73E-07
76	4.81E+01	2.97E+00	1.79E+00	1.32E+00	1.51E+00	1.88E-07	8.65E-08	9.58E-08	3.54E-09	3.74E-07
77	4.59E+01	2.85E+00	1.74E+00	1.27E+00	1.50E+00	1.88E-07	8.67E-08	9.61E-08	3.59E-09	3.75E-07
78	4.37E+01	2.75E+00	1.68E+00	1.22E+00	1.49E+00	1.88E-07	8.69E-08	9.62E-08	3.64E-09	3.75E-07
79	4.17E+01	2.65E+00	1.63E+00	1.17E+00	1.48E+00	1.89E-07	8.71E-08	9.64E-08	3.69E-09	3.76E-07
80	3.98E+01	2.55E+00	1.58E+00	1.12E+00	1.48E+00	1.89E-07	8.73E-08	9.66E-08	3.75E-09	3.77E-07
81	3.80E+01	2.46E+00	1.54E+00	1.08E+00	1.47E+00	1.89E-07	8.75E-08	9.68E-08	3.80E-09	3.77E-07
82	3.62E+01	2.37E+00	1.50E+00	1.04E+00	1.46E+00	1.89E-07	8.77E-08	9.69E-08	3.85E-09	3.78E-07
83	3.46E+01	2.29E+00	1.45E+00	9.96E-01	1.45E+00	1.90E-07	8.79E-08	9.71E-08	3.89E-09	3.79E-07

84	3.30E+01	2.21E+00	1.41E+00	9.56E-01	1.44E+00		1.90E-07	8.81E-08	9.73E-08	3.94E-09		3.79E-07
85	3.15E+01	2.13E+00	1.38E+00	9.18E-01	1.43E+00		1.90E-07	8.82E-08	9.74E-08	3.99E-09		3.80E-07
86	3.00E+01	2.06E+00	1.34E+00	8.82E-01	1.43E+00		1.90E-07	8.84E-08	9.75E-08	4.04E-09		3.80E-07
87	2.87E+01	1.99E+00	1.31E+00	8.47E-01	1.42E+00		1.90E-07	8.86E-08	9.77E-08	4.09E-09		3.81E-07
88	2.74E+01	1.93E+00	1.27E+00	8.13E-01	1.41E+00		1.91E-07	8.87E-08	9.78E-08	4.14E-09		3.81E-07
89	2.61E+01	1.87E+00	1.24E+00	7.81E-01	1.40E+00		1.91E-07	8.89E-08	9.79E-08	4.19E-09		3.82E-07
90	2.50E+01	1.81E+00	1.21E+00	7.51E-01	1.39E+00		1.91E-07	8.90E-08	9.80E-08	4.23E-09		3.82E-07
91	2.38E+01	1.75E+00	1.19E+00	7.21E-01	1.38E+00		1.91E-07	8.92E-08	9.82E-08	4.28E-09		3.83E-07
92	2.28E+01	1.70E+00	1.16E+00	6.93E-01	1.37E+00		1.91E-07	8.93E-08	9.83E-08	4.33E-09		3.83E-07
93	2.18E+01	1.65E+00	1.13E+00	6.66E-01	1.36E+00		1.91E-07	8.95E-08	9.84E-08	4.37E-09		3.84E-07
94	2.08E+01	1.60E+00	1.11E+00	6.40E-01	1.36E+00		1.92E-07	8.96E-08	9.85E-08	4.42E-09		3.84E-07
95	1.99E+01	1.55E+00	1.09E+00	6.15E-01	1.35E+00		1.92E-07	8.98E-08	9.86E-08	4.47E-09		3.85E-07
96	1.90E+01	1.51E+00	1.06E+00	5.91E-01	1.34E+00		1.92E-07	8.99E-08	9.87E-08	4.51E-09		3.85E-07
97	1.82E+01	1.47E+00	1.04E+00	5.68E-01	1.33E+00		1.92E-07	9.00E-08	9.87E-08	4.56E-09		3.85E-07
98	1.74E+01	1.43E+00	1.02E+00	5.46E-01	1.32E+00		1.92E-07	9.01E-08	9.88E-08	4.60E-09		3.86E-07
99	1.67E+01	1.39E+00	1.01E+00	5.24E-01	1.31E+00		1.92E-07	9.03E-08	9.89E-08	4.65E-09		3.86E-07
100	1.59E+01	1.36E+00	9.88E-01	5.04E-01	1.30E+00		1.92E-07	9.04E-08	9.90E-08	4.69E-09		3.86E-07
Sum												2.96E-05

Concentration of Sr-90 in plant and animal products and dose from ingestion for adults for clay soil

Clay 100 Days	Concentration					Dose					Total
	Pasture	Veg	Root	Milk	Meat	Veg	Root	Milk	Meat		
	Bq/kg_fw	Bq/kg_fw	Bq/kg_fw	Bq/l	Bq/kg_fw	x10E5 mSv	x10E5 mSv	x10E5 mSv	x10E5 mSv	x10E5 mSv	
	Pasture (Bq/kg_fw)	Veg (Bq/kg_fw)	Root (Bq/kg_fw)	Milk (Bq/l)	Meat (Bq/kg_fw)	Veg (x10E5 mSv)	Root (x10E5 mSv)	Milk (x10E5 mSv)	Meat (x10E5 mSv)	Total (x10E5 mSv)	
0	2.00E+03	1.00E+02	2.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
1	1.90E+03	9.52E+01	4.72E+00	7.41E+00	5.18E-02	9.08E-09	3.17E-10	6.10E-10	6.54E-13	1.00E-08	
2	1.81E+03	9.06E+01	8.37E+00	1.24E+01	1.46E-01	1.77E-08	1.14E-09	2.17E-09	3.97E-12	2.10E-08	
3	1.72E+03	8.62E+01	1.13E+01	1.58E+01	2.45E-01	2.59E-08	2.36E-09	4.38E-09	1.06E-11	3.27E-08	
4	1.64E+03	8.21E+01	1.36E+01	1.79E+01	3.42E-01	3.38E-08	3.92E-09	7.00E-09	2.07E-11	4.47E-08	
5	1.56E+03	7.81E+01	1.55E+01	1.92E+01	4.34E-01	4.12E-08	5.73E-09	9.88E-09	3.39E-11	5.69E-08	
6	1.49E+03	7.43E+01	1.69E+01	1.98E+01	5.21E-01	4.83E-08	7.74E-09	1.29E-08	5.02E-11	6.90E-08	
7	1.41E+03	7.07E+01	1.79E+01	2.00E+01	6.03E-01	5.50E-08	9.90E-09	1.60E-08	6.93E-11	8.10E-08	
8	1.35E+03	6.73E+01	1.86E+01	2.00E+01	6.81E-01	6.15E-08	1.22E-08	1.91E-08	9.12E-11	9.28E-08	
9	1.28E+03	6.41E+01	1.91E+01	1.97E+01	7.53E-01	6.76E-08	1.45E-08	2.22E-08	1.16E-10	1.04E-07	
10	1.22E+03	6.10E+01	1.94E+01	1.93E+01	8.22E-01	7.34E-08	1.69E-08	2.52E-08	1.42E-10	1.16E-07	
11	1.16E+03	5.80E+01	1.95E+01	1.87E+01	8.86E-01	7.89E-08	1.93E-08	2.81E-08	1.72E-10	1.27E-07	
12	1.10E+03	5.52E+01	1.94E+01	1.82E+01	9.47E-01	8.42E-08	2.17E-08	3.10E-08	2.03E-10	1.37E-07	
13	1.05E+03	5.26E+01	1.92E+01	1.76E+01	1.00E+00	8.92E-08	2.41E-08	3.38E-08	2.36E-10	1.47E-07	
14	1.00E+03	5.00E+01	1.90E+01	1.70E+01	1.06E+00	9.40E-08	2.65E-08	3.64E-08	2.71E-10	1.57E-07	
15	9.52E+02	4.76E+01	1.86E+01	1.63E+01	1.11E+00	9.85E-08	2.88E-08	3.90E-08	3.08E-10	1.67E-07	
16	9.06E+02	4.53E+01	1.82E+01	1.57E+01	1.15E+00	1.03E-07	3.11E-08	4.15E-08	3.47E-10	1.76E-07	
17	8.62E+02	4.31E+01	1.78E+01	1.51E+01	1.20E+00	1.07E-07	3.33E-08	4.39E-08	3.87E-10	1.85E-07	
18	8.20E+02	4.10E+01	1.73E+01	1.45E+01	1.24E+00	1.11E-07	3.55E-08	4.62E-08	4.28E-10	1.93E-07	
19	7.81E+02	3.91E+01	1.68E+01	1.40E+01	1.28E+00	1.15E-07	3.76E-08	4.84E-08	4.71E-10	2.01E-07	
20	7.43E+02	3.72E+01	1.62E+01	1.34E+01	1.31E+00	1.18E-07	3.97E-08	5.05E-08	5.15E-10	2.09E-07	
21	7.07E+02	3.54E+01	1.57E+01	1.29E+01	1.35E+00	1.21E-07	4.16E-08	5.26E-08	5.60E-10	2.16E-07	

22	6.73E+02	3.37E+01	1.51E+01	1.24E+01	1.38E+00	1.25E-07	4.36E-08	5.45E-08	6.07E-10	2.23E-07
23	6.41E+02	3.20E+01	1.46E+01	1.19E+01	1.41E+00	1.28E-07	4.54E-08	5.64E-08	6.54E-10	2.30E-07
24	6.10E+02	3.05E+01	1.40E+01	1.14E+01	1.43E+00	1.31E-07	4.72E-08	5.82E-08	7.03E-10	2.37E-07
25	5.80E+02	2.90E+01	1.35E+01	1.09E+01	1.46E+00	1.33E-07	4.89E-08	5.99E-08	7.52E-10	2.43E-07
26	5.52E+02	2.76E+01	1.30E+01	1.05E+01	1.48E+00	1.36E-07	5.05E-08	6.16E-08	8.02E-10	2.49E-07
27	5.25E+02	2.63E+01	1.24E+01	1.00E+01	1.50E+00	1.39E-07	5.21E-08	6.32E-08	8.53E-10	2.55E-07
28	5.00E+02	2.50E+01	1.19E+01	9.63E+00	1.52E+00	1.41E-07	5.36E-08	6.47E-08	9.04E-10	2.60E-07
29	4.76E+02	2.38E+01	1.14E+01	9.24E+00	1.54E+00	1.43E-07	5.51E-08	6.62E-08	9.56E-10	2.65E-07
30	4.53E+02	2.27E+01	1.10E+01	8.86E+00	1.56E+00	1.45E-07	5.65E-08	6.76E-08	1.01E-09	2.70E-07
31	4.31E+02	2.16E+01	1.05E+01	8.50E+00	1.57E+00	1.47E-07	5.78E-08	6.89E-08	1.06E-09	2.75E-07
32	4.10E+02	2.05E+01	1.00E+01	8.16E+00	1.58E+00	1.49E-07	5.91E-08	7.02E-08	1.12E-09	2.80E-07
33	3.91E+02	1.95E+01	9.61E+00	7.82E+00	1.60E+00	1.51E-07	6.03E-08	7.14E-08	1.17E-09	2.84E-07
34	3.72E+02	1.86E+01	9.19E+00	7.50E+00	1.61E+00	1.53E-07	6.14E-08	7.26E-08	1.22E-09	2.88E-07
35	3.54E+02	1.77E+01	8.78E+00	7.20E+00	1.62E+00	1.55E-07	6.26E-08	7.38E-08	1.28E-09	2.92E-07
36	3.37E+02	1.68E+01	8.40E+00	6.90E+00	1.63E+00	1.56E-07	6.36E-08	7.48E-08	1.34E-09	2.96E-07
37	3.20E+02	1.60E+01	8.02E+00	6.62E+00	1.63E+00	1.58E-07	6.46E-08	7.59E-08	1.39E-09	3.00E-07
38	3.05E+02	1.53E+01	7.66E+00	6.35E+00	1.64E+00	1.59E-07	6.56E-08	7.69E-08	1.45E-09	3.03E-07
39	2.90E+02	1.45E+01	7.32E+00	6.09E+00	1.65E+00	1.61E-07	6.65E-08	7.79E-08	1.50E-09	3.07E-07
40	2.76E+02	1.38E+01	6.99E+00	5.84E+00	1.65E+00	1.62E-07	6.74E-08	7.88E-08	1.56E-09	3.10E-07
41	2.63E+02	1.32E+01	6.68E+00	5.60E+00	1.66E+00	1.63E-07	6.83E-08	7.97E-08	1.61E-09	3.13E-07
42	2.50E+02	1.25E+01	6.38E+00	5.38E+00	1.66E+00	1.64E-07	6.91E-08	8.05E-08	1.67E-09	3.16E-07
43	2.38E+02	1.19E+01	6.09E+00	5.16E+00	1.66E+00	1.66E-07	6.99E-08	8.13E-08	1.73E-09	3.19E-07
44	2.27E+02	1.14E+01	5.81E+00	4.95E+00	1.66E+00	1.67E-07	7.06E-08	8.21E-08	1.78E-09	3.21E-07
45	2.16E+02	1.08E+01	5.55E+00	4.74E+00	1.66E+00	1.68E-07	7.13E-08	8.29E-08	1.84E-09	3.24E-07
46	2.05E+02	1.03E+01	5.30E+00	4.55E+00	1.66E+00	1.69E-07	7.20E-08	8.36E-08	1.90E-09	3.26E-07
47	1.96E+02	9.79E+00	5.06E+00	4.37E+00	1.66E+00	1.70E-07	7.26E-08	8.43E-08	1.95E-09	3.28E-07
48	1.86E+02	9.32E+00	4.83E+00	4.19E+00	1.66E+00	1.71E-07	7.32E-08	8.49E-08	2.01E-09	3.31E-07
49	1.77E+02	8.87E+00	4.61E+00	4.02E+00	1.66E+00	1.71E-07	7.38E-08	8.56E-08	2.07E-09	3.33E-07
50	1.69E+02	8.45E+00	4.40E+00	3.85E+00	1.66E+00	1.72E-07	7.44E-08	8.62E-08	2.12E-09	3.35E-07
51	1.61E+02	8.04E+00	4.20E+00	3.70E+00	1.66E+00	1.73E-07	7.49E-08	8.68E-08	2.18E-09	3.37E-07
52	1.53E+02	7.66E+00	4.01E+00	3.54E+00	1.66E+00	1.74E-07	7.54E-08	8.73E-08	2.24E-09	3.39E-07

53	1.45E+02	7.29E+00	3.83E+00	3.40E+00	1.65E+00	1.74E-07	7.59E-08	8.79E-08	2.29E-09	3.40E-07
54	1.38E+02	6.94E+00	3.66E+00	3.26E+00	1.65E+00	1.75E-07	7.64E-08	8.84E-08	2.35E-09	3.42E-07
55	1.32E+02	6.61E+00	3.50E+00	3.13E+00	1.64E+00	1.76E-07	7.68E-08	8.89E-08	2.41E-09	3.44E-07
56	1.25E+02	6.29E+00	3.34E+00	3.00E+00	1.64E+00	1.76E-07	7.72E-08	8.94E-08	2.46E-09	3.45E-07
57	1.19E+02	5.99E+00	3.19E+00	2.88E+00	1.64E+00	1.77E-07	7.76E-08	8.98E-08	2.52E-09	3.47E-07
58	1.14E+02	5.70E+00	3.05E+00	2.76E+00	1.63E+00	1.77E-07	7.80E-08	9.03E-08	2.57E-09	3.48E-07
59	1.08E+02	5.43E+00	2.92E+00	2.65E+00	1.63E+00	1.78E-07	7.84E-08	9.07E-08	2.63E-09	3.50E-07
60	1.03E+02	5.17E+00	2.79E+00	2.54E+00	1.62E+00	1.78E-07	7.87E-08	9.11E-08	2.68E-09	3.51E-07
61	9.81E+01	4.92E+00	2.66E+00	2.44E+00	1.61E+00	1.79E-07	7.91E-08	9.15E-08	2.74E-09	3.52E-07
62	9.34E+01	4.69E+00	2.55E+00	2.34E+00	1.61E+00	1.79E-07	7.94E-08	9.18E-08	2.79E-09	3.53E-07
63	8.90E+01	4.46E+00	2.44E+00	2.24E+00	1.60E+00	1.80E-07	7.97E-08	9.22E-08	2.85E-09	3.54E-07
64	8.47E+01	4.25E+00	2.33E+00	2.15E+00	1.60E+00	1.80E-07	8.00E-08	9.25E-08	2.90E-09	3.56E-07
65	8.07E+01	4.05E+00	2.23E+00	2.06E+00	1.59E+00	1.80E-07	8.03E-08	9.29E-08	2.96E-09	3.57E-07
66	7.68E+01	3.85E+00	2.13E+00	1.98E+00	1.58E+00	1.81E-07	8.06E-08	9.32E-08	3.01E-09	3.58E-07
67	7.31E+01	3.67E+00	2.04E+00	1.90E+00	1.57E+00	1.81E-07	8.08E-08	9.35E-08	3.06E-09	3.59E-07
68	6.96E+01	3.50E+00	1.95E+00	1.82E+00	1.57E+00	1.82E-07	8.11E-08	9.38E-08	3.12E-09	3.59E-07
69	6.63E+01	3.33E+00	1.87E+00	1.75E+00	1.56E+00	1.82E-07	8.13E-08	9.40E-08	3.17E-09	3.60E-07
70	6.31E+01	3.17E+00	1.79E+00	1.68E+00	1.55E+00	1.82E-07	8.15E-08	9.43E-08	3.22E-09	3.61E-07
71	6.01E+01	3.02E+00	1.72E+00	1.61E+00	1.55E+00	1.82E-07	8.17E-08	9.46E-08	3.28E-09	3.62E-07
72	5.73E+01	2.88E+00	1.65E+00	1.54E+00	1.54E+00	1.83E-07	8.20E-08	9.48E-08	3.33E-09	3.63E-07
73	5.45E+01	2.74E+00	1.58E+00	1.48E+00	1.53E+00	1.83E-07	8.22E-08	9.50E-08	3.38E-09	3.64E-07
74	5.19E+01	2.61E+00	1.51E+00	1.42E+00	1.52E+00	1.83E-07	8.23E-08	9.53E-08	3.43E-09	3.64E-07
75	4.95E+01	2.49E+00	1.45E+00	1.36E+00	1.51E+00	1.83E-07	8.25E-08	9.55E-08	3.49E-09	3.65E-07
76	4.71E+01	2.37E+00	1.39E+00	1.31E+00	1.51E+00	1.84E-07	8.27E-08	9.57E-08	3.54E-09	3.66E-07
77	4.49E+01	2.26E+00	1.34E+00	1.26E+00	1.50E+00	1.84E-07	8.29E-08	9.59E-08	3.59E-09	3.66E-07
78	4.28E+01	2.15E+00	1.28E+00	1.20E+00	1.49E+00	1.84E-07	8.30E-08	9.61E-08	3.64E-09	3.67E-07
79	4.07E+01	2.05E+00	1.23E+00	1.16E+00	1.48E+00	1.84E-07	8.32E-08	9.63E-08	3.69E-09	3.67E-07
80	3.88E+01	1.95E+00	1.19E+00	1.11E+00	1.47E+00	1.85E-07	8.33E-08	9.64E-08	3.74E-09	3.68E-07
81	3.70E+01	1.86E+00	1.14E+00	1.06E+00	1.46E+00	1.85E-07	8.35E-08	9.66E-08	3.79E-09	3.69E-07
82	3.52E+01	1.78E+00	1.10E+00	1.02E+00	1.46E+00	1.85E-07	8.36E-08	9.68E-08	3.84E-09	3.69E-07
83	3.36E+01	1.69E+00	1.05E+00	9.80E-01	1.45E+00	1.85E-07	8.38E-08	9.69E-08	3.89E-09	3.70E-07

84	3.20E+01	1.61E+00	1.02E+00	9.40E-01	1.44E+00		1.85E-07	8.39E-08	9.71E-08	3.94E-09		3.70E-07
85	3.05E+01	1.54E+00	9.78E-01	9.03E-01	1.43E+00		1.85E-07	8.40E-08	9.72E-08	3.99E-09		3.71E-07
86	2.91E+01	1.47E+00	9.42E-01	8.66E-01	1.42E+00		1.85E-07	8.41E-08	9.73E-08	4.04E-09		3.71E-07
87	2.77E+01	1.40E+00	9.08E-01	8.31E-01	1.41E+00		1.86E-07	8.42E-08	9.75E-08	4.08E-09		3.71E-07
88	2.64E+01	1.33E+00	8.75E-01	7.98E-01	1.40E+00		1.86E-07	8.44E-08	9.76E-08	4.13E-09		3.72E-07
89	2.52E+01	1.27E+00	8.44E-01	7.66E-01	1.40E+00		1.86E-07	8.45E-08	9.77E-08	4.18E-09		3.72E-07
90	2.40E+01	1.21E+00	8.15E-01	7.35E-01	1.39E+00		1.86E-07	8.46E-08	9.78E-08	4.23E-09		3.73E-07
91	2.29E+01	1.16E+00	7.87E-01	7.05E-01	1.38E+00		1.86E-07	8.47E-08	9.79E-08	4.27E-09		3.73E-07
92	2.18E+01	1.10E+00	7.61E-01	6.77E-01	1.37E+00		1.86E-07	8.48E-08	9.81E-08	4.32E-09		3.73E-07
93	2.08E+01	1.05E+00	7.35E-01	6.50E-01	1.36E+00		1.86E-07	8.49E-08	9.82E-08	4.37E-09		3.74E-07
94	1.98E+01	1.01E+00	7.11E-01	6.24E-01	1.35E+00		1.86E-07	8.49E-08	9.83E-08	4.41E-09		3.74E-07
95	1.89E+01	9.60E-01	6.88E-01	5.99E-01	1.34E+00		1.86E-07	8.50E-08	9.83E-08	4.46E-09		3.74E-07
96	1.80E+01	9.16E-01	6.66E-01	5.75E-01	1.34E+00		1.87E-07	8.51E-08	9.84E-08	4.51E-09		3.75E-07
97	1.72E+01	8.74E-01	6.46E-01	5.52E-01	1.33E+00		1.87E-07	8.52E-08	9.85E-08	4.55E-09		3.75E-07
98	1.64E+01	8.35E-01	6.26E-01	5.30E-01	1.32E+00		1.87E-07	8.53E-08	9.86E-08	4.60E-09		3.75E-07
99	1.57E+01	7.97E-01	6.07E-01	5.09E-01	1.31E+00		1.87E-07	8.54E-08	9.87E-08	4.64E-09		3.75E-07
100	1.50E+01	7.62E-01	5.89E-01	4.88E-01	1.30E+00		1.87E-07	8.54E-08	9.88E-08	4.68E-09		3.76E-07
Sum												2.91E-05

Comparison of adult ingestion doses for different types of soils

Day	Sand/ Clay-1	Sand/ Clay-1	Sand/ Clay-1	Sand/Loam-1
1	0.0004741	0.010594	0.00015	0.00015157
2	0.0003955	0.010104	0.000116	0.00011783
3	0.0003564	0.009769	0.000101	0.00010348
4	0.0003338	0.00954	9.39E-05	9.613E-05
5	0.0003194	0.009389	8.98E-05	9.2036E-05
6	0.0003098	0.009294	8.73E-05	8.9677E-05
7	0.0003032	0.009244	8.59E-05	8.8333E-05
8	0.0002987	0.009227	8.51E-05	8.7619E-05
9	0.0002956	0.009238	8.48E-05	8.7315E-05
10	0.0002936	0.009271	8.47E-05	8.7286E-05
11	0.0002925	0.009322	8.48E-05	8.7448E-05
12	0.000292	0.009389	8.5E-05	8.7741E-05
13	0.0002921	0.00947	8.54E-05	8.8126E-05
14	0.0002926	0.009562	8.58E-05	8.8576E-05
15	0.0002935	0.009665	8.62E-05	8.9068E-05
16	0.0002947	0.009776	8.67E-05	8.9589E-05
17	0.0002963	0.009895	8.72E-05	9.0126E-05
18	0.0002981	0.010022	8.77E-05	9.067E-05
19	0.0003001	0.010155	8.82E-05	9.1214E-05
20	0.0003023	0.010294	8.87E-05	9.1754E-05
21	0.0003047	0.010439	8.92E-05	9.2284E-05
22	0.0003073	0.010589	8.97E-05	9.2802E-05
23	0.00031	0.010744	9.01E-05	9.3306E-05
24	0.0003129	0.010903	9.06E-05	9.3793E-05
25	0.0003159	0.011066	9.1E-05	9.4262E-05
26	0.000319	0.011233	9.15E-05	9.4712E-05
27	0.0003222	0.011404	9.19E-05	9.5143E-05
28	0.0003256	0.011578	9.23E-05	9.5554E-05

29	0.000329	0.011756	9.26E-05	9.5946E-05
30	0.0003325	0.011937	9.3E-05	9.6317E-05
31	0.0003361	0.012121	9.33E-05	9.667E-05
32	0.0003398	0.012308	9.36E-05	9.7003E-05
33	0.0003436	0.012498	9.39E-05	9.7317E-05
34	0.0003475	0.012691	9.42E-05	9.7613E-05
35	0.0003514	0.012886	9.45E-05	9.7892E-05
36	0.0003554	0.013084	9.47E-05	9.8154E-05
37	0.0003594	0.013284	9.5E-05	9.84E-05
38	0.0003635	0.013486	9.52E-05	9.8631E-05
39	0.0003677	0.013691	9.54E-05	9.8846E-05
40	0.000372	0.013898	9.56E-05	9.9048E-05
41	0.0003763	0.014107	9.58E-05	9.9236E-05
42	0.0003806	0.014318	9.59E-05	9.9412E-05
43	0.000385	0.014531	9.61E-05	9.9576E-05
44	0.0003895	0.014746	9.62E-05	9.9729E-05
45	0.000394	0.014963	9.64E-05	9.9871E-05
46	0.0003985	0.015182	9.65E-05	0.0001
47	0.0004031	0.015403	9.66E-05	0.00010013
48	0.0004078	0.015625	9.67E-05	0.00010024
49	0.0004125	0.015849	9.68E-05	0.00010035
50	0.0004172	0.016074	9.69E-05	0.00010044
51	0.000422	0.016301	9.7E-05	0.00010054
52	0.0004268	0.01653	9.71E-05	0.00010062
53	0.0004317	0.01676	9.71E-05	0.0001007
54	0.0004366	0.016991	9.72E-05	0.00010077
55	0.0004415	0.017224	9.73E-05	0.00010084
56	0.0004465	0.017458	9.73E-05	0.0001009
57	0.0004515	0.017694	9.74E-05	0.00010096
58	0.0004565	0.01793	9.74E-05	0.00010101
59	0.0004616	0.018168	9.75E-05	0.00010106

60	0.0004667	0.018407	9.75E-05	0.0001011
61	0.0004719	0.018648	9.76E-05	0.00010114
62	0.0004771	0.018889	9.76E-05	0.00010118
63	0.0004823	0.019132	9.76E-05	0.00010122
64	0.0004876	0.019375	9.77E-05	0.00010125
65	0.0004929	0.01962	9.77E-05	0.00010128
66	0.0004982	0.019866	9.77E-05	0.00010131
67	0.0005035	0.020112	9.77E-05	0.00010133
68	0.0005089	0.02036	9.78E-05	0.00010136
69	0.0005143	0.020608	9.78E-05	0.00010138
70	0.0005197	0.020857	9.78E-05	0.0001014
71	0.0005252	0.021107	9.78E-05	0.00010142
72	0.0005307	0.021358	9.78E-05	0.00010143
73	0.0005362	0.02161	9.78E-05	0.00010145
74	0.0005418	0.021862	9.79E-05	0.00010146
75	0.0005473	0.022116	9.79E-05	0.00010148
76	0.0005529	0.02237	9.79E-05	0.00010149
77	0.0005586	0.022624	9.79E-05	0.0001015
78	0.0005642	0.02288	9.79E-05	0.00010151
79	0.0005699	0.023135	9.79E-05	0.00010152
80	0.0005756	0.023392	9.79E-05	0.00010153
81	0.0005813	0.023649	9.79E-05	0.00010154
82	0.000587	0.023907	9.79E-05	0.00010154
83	0.0005928	0.024165	9.79E-05	0.00010155
84	0.0005986	0.024424	9.8E-05	0.00010156
85	0.0006044	0.024683	9.8E-05	0.00010156
86	0.0006102	0.024943	9.8E-05	0.00010157
87	0.0006161	0.025204	9.8E-05	0.00010157
88	0.0006219	0.025465	9.8E-05	0.00010158
89	0.0006278	0.025726	9.8E-05	0.00010158
90	0.0006338	0.025987	9.8E-05	0.00010158

91	0.0006397	0.02625	9.8E-05	0.00010159
92	0.0006456	0.026512	9.8E-05	0.00010159
93	0.0006516	0.026775	9.8E-05	0.00010159
94	0.0006576	0.027038	9.8E-05	0.0001016
95	0.0006636	0.027302	9.8E-05	0.0001016
96	0.0006696	0.027566	9.8E-05	0.0001016
97	0.0006757	0.02783	9.8E-05	0.0001016
98	0.0006817	0.028095	9.8E-05	0.00010161
99	0.0006878	0.028359	9.8E-05	0.00010161
100	0.0006939	0.028625	9.8E-05	0.00010161
Sum	0.0004885	0.018691	9.52E-05	9.8625E-05