

Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA A-AX Total Inventory	241-A-101	241-A-102
1	Tritium	3H	Ci	1.48E+00	1.77E-01	2.67E-01
3	Carbon-14	14C	Ci	2.80E-01	5.93E-02	3.10E-02
15	Nickel-59	59Ni	Ci	7.39E-02	5.13E-03	1.36E-02
16	Nickel-63	63Ni	Ci	6.90E+00	4.79E-01	1.27E+00
17	Cobalt-60	60Co	Ci	1.53E-01	1.77E-02	3.69E-02
18	Selenium-79	79Se	Ci	6.10E-02	6.79E-03	1.57E-02
19	Strontium-90	90Sr	Ci	6.49E+02	2.33E+01	1.12E+02
20	Yttrium-90	90Y	Ci	6.49E+02	2.33E+01	1.12E+02
22	Niobium-93m	93mNb	Ci	8.44E-01	1.14E-01	2.17E-01
25	Zirconium-93	93Zr	Ci	1.28E+00	3.65E-01	2.59E-01
26	Technetium-99	99Tc	Ci	2.23E+01	2.07E+00	2.37E+00
27	Ruthenium-106	106Ru	Ci	8.79E-08	7.51E-09	3.69E-08
31	Cadmium-113m	113mCd	Ci	1.43E+00	1.37E-01	2.06E-01
34	Tin-126	126Sn	Ci	1.20E-01	9.76E-03	4.74E-02
35	Antimony-125	125Sb	Ci	9.69E+00	1.29E-02	1.90E-02
37	Iodine-129	129I	Ci	1.42E-02	2.10E-03	2.67E-03
39	Cesium-134	134Cs	Ci	3.54E-02	1.58E-03	2.23E-03
40	Barium-137m	137mBa	Ci	3.05E+04	2.58E+03	3.96E+03
41	Cesium-137	137Cs	Ci	3.22E+04	2.73E+03	4.18E+03
44	Samarium-151	151Sm	Ci	6.48E+01	5.87E+00	2.88E+01
46	Europium-152	152Eu	Ci	3.47E-02	5.59E-04	2.75E-03
47	Europium-154	154Eu	Ci	1.89E+00	4.81E-02	2.36E-01
48	Europium-155	155Eu	Ci	6.58E-01	1.46E-02	7.17E-02
58	Radium-226	226Ra	Ci	9.83E-07	1.20E-07	3.73E-07
59	Radium-228	228Ra	Ci	2.99E-04	3.94E-05	1.23E-04
60	Actinium-227	227Ac	Ci	1.11E-04	1.00E-05	4.94E-05
62	Thorium-229	229Th	Ci	4.31E-07	3.88E-08	1.91E-07
64	Thorium-232	232Th	Ci	1.57E-06	1.41E-07	6.94E-07
65	Protactinium-231	231Pa	Ci	2.51E-03	7.46E-04	5.33E-04
66	Uranium-232	232U	Ci	4.09E-05	1.32E-07	3.38E-05
67	Uranium-233	233U	Ci	2.53E-03	8.16E-06	2.09E-03
68	Uranium-234	234U	Ci	4.71E-04	1.43E-06	3.66E-04
69	Uranium-235	235U	Ci	1.91E-05	5.78E-08	1.48E-05
70	Uranium-236	236U	Ci	1.23E-05	3.75E-08	9.60E-06
71	Uranium-238	238U	Ci	4.25E-04	1.29E-06	3.29E-04
72	Neptunium-237	237Np	Ci	9.24E-04	7.11E-05	3.69E-04
74	Plutonium-238	238Pu	Ci	8.57E-02	3.42E-04	3.56E-02
75	Plutonium-239	239Pu	Ci	2.13E+00	7.74E-03	8.67E-01
76	Plutonium-240	240Pu	Ci	4.91E-01	1.85E-03	2.01E-01
77	Plutonium-241	241Pu	Ci	3.67E+00	1.43E-02	1.57E+00
78	Plutonium-242	242Pu	Ci	3.50E-05	1.36E-07	1.50E-05
80	Americium-241	241Am	Ci	6.26E-01	2.05E-02	5.90E-03
82	Americium-243	243Am	Ci	3.66E-04	1.27E-05	2.91E-06
83	Curium-242	242Cm	Ci	1.39E-01	2.83E-03	1.34E-02
84	Curium-243	243Cm	Ci	1.14E-02	1.43E-04	5.03E-04
85	Curium-244	244Cm	Ci	2.66E-01	3.24E-03	1.18E-02
97	Aluminum	7429-90-5	kg	2.81E+03	3.66E+02	8.77E+02
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	3.90E-01	3.16E-01	0.00E+00

101	Arsenic	7440-38-2	kg	8.61E-02	0.00E+00	0.00E+00
102	Barium	7440-39-3	kg	1.30E-01	5.56E-02	0.00E+00
103	Beryllium	7440-41-7	kg	9.84E-03	5.55E-03	0.00E+00
104	Bismuth	7440-69-9	kg	1.67E+00	1.22E-01	3.57E-01
105	Boron	7440-42-8	kg	5.16E-01	1.15E-01	1.72E-01
107	Cadmium	7440-43-9	kg	1.01E+00	4.04E-02	0.00E+00
108	Calcium	7440-70-2	kg	6.86E+01	6.54E-01	6.78E-01
108.5	Carbonate	CO3	kg	8.63E+03	1.57E+03	5.98E+02
109	Cerium	7440-45-1	kg	8.61E-02	0.00E+00	0.00E+00
110	Chloride	16887-00-6	kg	6.27E+02	6.47E+01	1.77E+02
111	Chromium	18540-29-9	kg	4.40E+01	7.21E+00	4.11E+00
114	Cobalt	7440-48-4	kg	5.91E-02	4.01E-02	0.00E+00
115	Copper	7440-50-8	kg	2.00E-02	1.14E-02	0.00E+00
116	Cyanide	57-12-5	kg	0.00E+00	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	7.15E+01	8.91E+00	8.49E+00
122	Hydroxide	OHDEMAND	kg	1.68E+03	1.61E+02	6.58E+02
123	Iron	7439-89-6	kg	5.39E-01	3.72E-02	9.42E-02
124	Lanthanum	7439-91-0	kg	5.32E-02	1.47E-06	6.58E-06
125	Lead	7439-92-1	kg	5.31E+00	1.18E-01	8.87E-01
126	Lithium	7439-93-2	kg	7.79E-02	3.08E-02	0.00E+00
127	Magnesium	7439-95-4	kg	9.39E-02	0.00E+00	0.00E+00
128	Manganese	7439-96-5	kg	4.44E+00	3.05E-01	1.81E+00
130	Mercury	7439-97-6	kg	7.98E+00	3.15E-02	2.31E-02
131	Molybdenum	7439-98-7	kg	8.96E-01	1.82E-01	5.27E-01
132	Neodymium	7440-00-8	kg	8.61E-02	0.00E+00	0.00E+00
133	Nickel	7440-02-0	kg	1.97E+00	1.04E-01	4.24E-01
135	Nitrate	14797-55-8	kg	1.81E+04	2.21E+03	2.70E+03
136	Nitrite	14797-65-0	kg	9.58E+03	1.20E+03	1.84E+03
137	Oxalate	338-70-5	kg	6.59E+02	8.19E+01	1.10E+02
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	1.44E+03	8.17E+01	1.14E+02
141	Potassium	7440-09-7	kg	2.70E+02	4.99E+01	9.01E+01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	9.32E-01	0.00E+00	0.00E+00
148	Silicon	7440-21-3	kg	2.96E+02	1.43E+01	1.70E+00
149	Silver	7440-22-4	kg	1.17E-01	2.57E-02	0.00E+00
150	Sodium	7440-23-5	kg	2.61E+04	3.48E+03	3.78E+03
151	Strontium	7440-24-6	kg	2.01E-01	3.46E-03	7.30E-03
152	Sulfate	14808-79-8	kg	2.56E+03	4.13E+02	6.32E+02
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	0.00E+00	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	1.28E-05	1.16E-06	5.71E-06
161	Titanium	7440-32-6	kg	1.97E-02	1.11E-02	0.00E+00
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	1.27E+00	3.86E-03	9.86E-01
164	Vanadium	7440-62-2	kg	9.87E-02	5.56E-02	0.00E+00
166	Yttrium	7440-65-5	kg	0.00E+00	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	1.73E-01	1.39E-02	0.00E+00

168	Zirconium	7440-67-7	kg	1.19E+01	1.10E+00	1.18E-01
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00
326	Tributyl phosphate	126-73-8	kg	0.00E+00	0.00E+00	0.00E+00

241-A-103	241-A-104	241-A-105	241-A-106	241-AX-101	241-AX-102	241-AX-103	241-AX-104
1.46E-01	2.59E-02	6.31E-02	1.05E-01	1.98E-01	2.90E-01	1.79E-01	3.07E-02
3.74E-02	3.73E-05	5.13E-03	1.13E-02	6.62E-02	1.04E-02	5.97E-02	7.29E-05
4.36E-02	2.89E-05	5.14E-04	4.83E-03	2.58E-03	2.27E-04	3.30E-03	2.74E-05
4.08E+00	2.69E-03	4.84E-02	4.49E-01	2.41E-01	2.13E-02	3.08E-01	2.58E-03
4.05E-02	8.53E-04	1.22E-02	6.09E-03	1.01E-02	1.34E-02	1.46E-02	9.58E-04
7.07E-03	6.97E-04	3.44E-03	2.79E-03	6.95E-03	5.00E-03	8.36E-03	4.22E-03
2.95E+01	1.70E+01	1.70E+01	2.32E+01	2.30E+01	3.65E+02	2.20E+01	1.70E+01
2.95E+01	1.70E+01	1.70E+01	2.32E+01	2.30E+01	3.65E+02	2.20E+01	1.70E+01
1.49E-01	3.44E-02	1.75E-02	2.91E-02	6.14E-02	5.31E-02	8.64E-02	8.12E-02
1.25E-01	2.14E-03	3.39E-02	2.67E-03	7.44E-02	3.08E-01	1.06E-01	5.13E-03
2.11E+00	2.17E-01	1.07E+00	1.57E+00	2.33E+00	1.39E-01	2.42E+00	8.02E+00
1.77E-08	5.17E-13	0.00E+00	3.16E-09	8.91E-09	6.99E-11	1.36E-08	4.95E-13
4.92E-01	4.31E-03	1.22E-01	7.56E-02	1.56E-01	1.48E-01	7.63E-02	1.16E-02
3.27E-02	3.75E-04	2.10E-04	3.94E-04	1.14E-02	5.11E-04	1.74E-02	2.56E-06
1.31E-02	1.31E+00	1.17E-01	1.40E-01	5.81E-03	7.59E+00	3.27E-02	4.50E-01
4.84E-04	1.08E-04	6.44E-05	1.38E-03	2.38E-03	2.64E-03	2.33E-03	3.13E-05
1.45E-03	6.18E-03	1.07E-02	1.81E-03	1.68E-03	2.00E-03	2.61E-03	5.18E-03
2.55E+03	1.95E+03	3.86E+03	1.07E+03	3.10E+03	3.63E+03	3.77E+03	4.03E+03
2.69E+03	2.06E+03	4.08E+03	1.13E+03	3.27E+03	3.84E+03	3.98E+03	4.26E+03
1.23E+01	2.05E-02	1.42E-09	1.32E-06	6.97E+00	3.14E-06	1.07E+01	7.87E-02
1.17E-03	1.96E-03	1.24E-12	2.79E-10	6.64E-04	1.74E-09	1.02E-03	2.66E-02
1.01E-01	4.95E-01	2.87E-11	1.96E-08	5.72E-02	6.38E-08	8.75E-02	8.61E-01
3.07E-02	6.16E-02	4.82E-12	7.92E-09	1.73E-02	2.78E-08	2.65E-02	4.35E-01
1.86E-07	1.08E-08	4.23E-08	2.74E-09	8.97E-08	4.93E-09	1.28E-07	2.51E-08
6.13E-05	4.15E-07	3.50E-13	6.63E-07	2.96E-05	2.00E-06	4.23E-05	2.08E-13
2.11E-05	2.79E-11	1.92E-19	3.34E-15	1.19E-05	4.98E-14	1.83E-05	4.67E-11
8.29E-08	1.73E-15	1.82E-17	8.75E-10	4.61E-08	2.39E-11	7.06E-08	6.07E-19
3.01E-07	4.40E-15	2.55E-20	2.99E-09	1.67E-07	1.26E-08	2.56E-07	8.52E-22
2.58E-04	1.57E-10	8.50E-08	2.83E-06	1.53E-04	6.00E-04	2.16E-04	2.04E-10
4.90E-06	8.29E-12	5.00E-17	1.65E-06	4.31E-08	1.83E-07	1.96E-07	4.98E-16
3.04E-04	5.23E-10	9.33E-17	1.02E-04	2.67E-06	1.13E-05	1.22E-05	9.28E-16
5.43E-05	1.39E-09	6.60E-13	4.40E-05	4.66E-07	2.15E-06	2.12E-06	6.57E-12
2.20E-06	5.85E-11	2.76E-14	1.83E-06	1.88E-08	8.75E-08	8.56E-08	2.75E-13
1.42E-06	3.34E-11	1.70E-14	1.13E-06	1.22E-08	6.02E-08	5.56E-08	1.69E-13
4.89E-05	1.38E-09	6.45E-13	4.18E-05	4.19E-07	1.90E-06	1.91E-06	6.42E-12
2.15E-04	1.39E-10	5.72E-11	5.46E-05	8.38E-05	2.87E-06	1.28E-04	1.91E-12
2.69E-02	7.22E-07	3.42E-04	2.18E-02	2.20E-05	4.36E-04	3.58E-05	1.43E-04
6.79E-01	2.18E-05	7.27E-03	5.60E-01	5.33E-04	4.69E-03	8.05E-04	3.04E-03
1.56E-01	4.76E-06	1.78E-03	1.28E-01	1.24E-04	1.50E-03	1.97E-04	7.47E-04
1.15E+00	2.66E-05	1.38E-02	8.99E-01	9.37E-04	2.22E-02	1.49E-03	5.76E-03
1.10E-05	2.38E-10	1.29E-07	8.48E-06	8.95E-09	2.30E-07	1.41E-08	5.41E-08
5.15E-01	2.17E-06	4.23E-06	5.40E-02	5.65E-04	2.27E-02	7.29E-03	1.10E-07
2.96E-04	1.09E-09	2.26E-09	2.85E-05	3.49E-07	2.08E-05	4.52E-06	5.89E-11
1.42E-03	7.85E-04	1.68E-02	4.13E-03	4.73E-04	9.56E-02	2.65E-03	9.28E-04
5.43E-05	3.72E-05	9.49E-04	2.17E-04	2.97E-05	9.26E-03	1.48E-04	5.25E-05
1.27E-03	8.45E-04	2.13E-02	5.06E-03	6.92E-04	2.17E-01	3.33E-03	1.18E-03
3.97E+02	0.00E+00	7.24E+00	1.10E+02	3.94E+02	2.13E+02	4.42E+02	5.25E+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	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	7.32E-02	0.00E+00	0.00E+00	0.00E+00

0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-02	0.00E+00	0.00E+00	0.00E+00
3.10E-02	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00
4.34E-01	1.19E-03	0.00E+00	5.47E-01	6.62E-02	5.36E-02	9.27E-02	0.00E+00
9.36E-02	0.00E+00	0.00E+00	0.00E+00	1.35E-01	0.00E+00	0.00E+00	0.00E+00
3.02E-01	0.00E+00	0.00E+00	1.58E-01	3.31E-02	0.00E+00	0.00E+00	4.73E-01
2.34E+00	2.09E+01	2.47E+01	9.03E-01	1.66E-01	2.06E-01	1.86E-01	1.78E+01
1.07E+03	3.37E-01	2.17E+02	2.60E+02	1.83E+03	1.95E+03	1.13E+03	3.07E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-02	0.00E+00	0.00E+00	0.00E+00
8.57E+01	1.94E+00	3.54E+00	9.54E+01	6.94E+01	1.71E+01	1.11E+02	1.35E+00
1.53E+00	2.56E-01	1.06E+01	5.69E+00	2.22E+00	6.41E-01	1.06E+01	1.09E+00
0.00E+00	0.00E+00	0.00E+00	1.08E-03	1.79E-02	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-03	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
1.03E+01	4.03E-02	1.14E+00	1.25E+00	1.30E+01	9.27E+00	1.86E+01	4.36E-01
4.07E+02	0.00E+00	0.00E+00	0.00E+00	1.62E+02	0.00E+00	2.96E+02	0.00E+00
2.37E-01	2.28E-03	0.00E+00	5.74E-02	4.36E-02	4.51E-04	6.69E-02	1.58E-04
2.82E-06	5.60E-04	3.81E-02	2.34E-10	1.59E-06	5.65E-10	2.44E-06	1.45E-02
1.19E+00	2.18E-01	1.80E+00	4.96E-01	1.83E-01	2.29E-01	1.78E-01	1.47E-02
0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	0.00E+00	0.00E+00	0.00E+00
7.82E-03	0.00E+00	0.00E+00	0.00E+00	8.61E-02	0.00E+00	0.00E+00	0.00E+00
3.11E-01	2.49E-03	6.53E-03	1.26E+00	1.14E-02	6.56E-01	7.00E-02	5.70E-03
1.87E-02	1.61E-01	4.23E-01	5.63E+00	1.09E-01	1.19E+00	1.81E-01	2.06E-01
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-02	0.00E+00	0.00E+00	0.00E+00
1.03E+00	5.65E-03	1.11E-01	1.73E-01	2.26E-02	1.97E-02	7.89E-02	7.24E-03
2.14E+03	9.55E+00	6.49E+02	1.10E+03	2.70E+03	4.03E+03	2.36E+03	1.97E+02
1.43E+03	1.00E+02	2.54E+01	9.96E+02	1.33E+03	7.94E+02	1.86E+03	9.66E+00
8.85E+01	0.00E+00	0.00E+00	6.32E+01	8.20E+01	1.84E+02	4.89E+01	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
9.84E+01	5.55E-05	3.11E+02	6.87E+02	4.90E+01	5.95E+01	4.06E+01	2.20E-04
4.84E+01	8.59E-01	1.42E+00	2.39E+01	2.02E+01	9.64E+00	2.56E+01	1.91E-01
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	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
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	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
0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-01	0.00E+00	0.00E+00	0.00E+00
6.37E+00	2.29E+01	5.95E+01	1.07E+00	9.17E+00	1.59E+02	2.21E+01	5.02E-02
6.25E-02	0.00E+00	0.00E+00	0.00E+00	2.89E-02	0.00E+00	0.00E+00	0.00E+00
3.48E+03	4.31E+02	1.93E+03	1.47E+03	3.94E+03	3.80E+03	3.58E+03	1.86E+02
4.11E-03	3.22E-04	2.93E-04	1.42E-03	3.56E-04	1.81E-01	2.05E-03	2.74E-04
2.59E+02	2.49E+01	3.35E+02	5.36E+01	4.61E+02	7.24E+01	2.84E+02	2.04E+01
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	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
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2.44E-06	5.61E-14	0.00E+00	0.00E+00	1.38E-06	0.00E+00	2.11E-06	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-03	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
1.47E-01	4.14E-06	1.93E-09	1.25E-01	1.26E-03	5.71E-03	5.71E-03	1.92E-08
0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	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
1.48E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00



Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA B-BX-BY Total Inventory	241-B-101	241-B-102
1	Tritium	3H	Ci	6.53E+00	2.38E-02	2.09E-02
3	Carbon-14	14C	Ci	7.79E-01	1.69E-03	1.45E-03
15	Nickel-59	59Ni	Ci	6.05E-01	2.50E-04	1.62E-04
16	Nickel-63	63Ni	Ci	5.69E+01	2.45E-02	1.63E-02
17	Cobalt-60	60Co	Ci	7.85E-01	1.61E-03	6.91E-04
18	Selenium-79	79Se	Ci	5.03E-02	1.37E-04	5.43E-05
19	Strontium-90	90Sr	Ci	6.80E+02	1.72E+01	1.03E+01
20	Yttrium-90	90Y	Ci	6.80E+02	1.72E+01	1.03E+01
22	Niobium-93m	93mNb	Ci	6.83E-01	3.66E-03	2.86E-03
25	Zirconium-93	93Zr	Ci	7.26E-01	4.15E-03	3.37E-03
26	Technetium-99	99Tc	Ci	1.47E+01	4.08E-02	1.67E-02
27	Ruthenium-106	106Ru	Ci	6.69E-07	1.28E-08	2.90E-13
31	Cadmium-113m	113mCd	Ci	1.22E+00	9.38E-04	1.10E-03
34	Tin-126	126Sn	Ci	4.68E-02	1.23E-04	1.28E-04
35	Antimony-125	125Sb	Ci	1.89E-01	8.08E-02	1.49E-05
37	Iodine-129	129I	Ci	1.13E-01	2.19E-05	2.32E-05
39	Cesium-134	134Cs	Ci	7.42E-03	1.26E-05	1.10E-07
40	Barium-137m	137mBa	Ci	1.57E+04	4.13E+01	3.17E+01
41	Cesium-137	137Cs	Ci	1.66E+04	4.36E+01	3.35E+01
44	Samarium-151	151Sm	Ci	2.07E+01	1.45E+00	1.53E+00
46	Europium-152	152Eu	Ci	5.33E-03	4.53E-05	4.57E-05
47	Europium-154	154Eu	Ci	3.49E-01	3.16E-03	3.20E-03
48	Europium-155	155Eu	Ci	1.44E-01	1.50E-03	1.54E-03
58	Radium-226	226Ra	Ci	3.04E-06	1.64E-07	1.91E-07
59	Radium-228	228Ra	Ci	1.96E-03	8.56E-13	1.00E-12
60	Actinium-227	227Ac	Ci	3.45E-04	8.41E-07	8.86E-07
62	Thorium-229	229Th	Ci	1.12E-04	1.47E-10	1.36E-10
64	Thorium-232	232Th	Ci	5.11E-04	1.21E-12	1.15E-12
65	Protactinium-231	231Pa	Ci	4.08E-03	2.45E-06	2.42E-06
66	Uranium-232	232U	Ci	5.29E-04	2.22E-07	2.14E-09
67	Uranium-233	233U	Ci	3.29E-02	1.64E-07	1.77E-10
68	Uranium-234	234U	Ci	2.18E-02	3.65E-03	1.64E-04
69	Uranium-235	235U	Ci	9.53E-04	1.62E-04	7.34E-06
70	Uranium-236	236U	Ci	3.22E-04	6.30E-05	1.93E-06
71	Uranium-238	238U	Ci	2.14E-02	3.54E-03	1.68E-04
72	Neptunium-237	237Np	Ci	1.60E-02	1.05E-04	8.82E-05
74	Plutonium-238	238Pu	Ci	2.48E-02	5.84E-03	1.29E-04
75	Plutonium-239	239Pu	Ci	1.22E+00	3.35E-01	1.74E-02
76	Plutonium-240	240Pu	Ci	1.82E-01	4.75E-02	1.97E-03
77	Plutonium-241	241Pu	Ci	8.69E-01	2.30E-01	3.43E-03
78	Plutonium-242	242Pu	Ci	7.84E-06	2.20E-06	2.85E-08
80	Americium-241	241Am	Ci	4.46E+00	2.47E-02	4.84E-03
82	Americium-243	243Am	Ci	9.79E-04	1.62E-05	6.37E-07
83	Curium-242	242Cm	Ci	1.39E-02	1.29E-02	1.11E-06
84	Curium-243	243Cm	Ci	1.18E-03	1.15E-03	1.23E-08
85	Curium-244	244Cm	Ci	2.75E-02	2.68E-02	2.77E-07
97	Aluminum	7429-90-5	kg	5.14E+03	8.71E+01	1.12E+00
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	3.58E-01	0.00E+00	0.00E+00
101	Arsenic	7440-38-2	kg	9.98E-02	0.00E+00	0.00E+00
102	Barium	7440-39-3	kg	2.33E-01	0.00E+00	0.00E+00
103	Beryllium	7440-41-7	kg	2.99E-02	0.00E+00	0.00E+00
104	Bismuth	7440-69-9	kg	2.42E+01	5.16E+00	5.74E-01
105	Boron	7440-42-8	kg	2.81E-01	0.00E+00	0.00E+00
107	Cadmium	7440-43-9	kg	1.89E+00	0.00E+00	0.00E+00
108	Calcium	7440-70-2	kg	1.05E+02	2.40E+00	3.00E+00

108.5	Carbonate	CO3	kg	1.59E+04	3.23E+02	1.08E+02
109	Cerium	7440-45-1	kg	5.02E-02	0.00E+00	0.00E+00
110	Chloride	16887-00-6	kg	8.20E+02	6.01E+00	2.26E+01
111	Chromium	18540-29-9	kg	4.33E+02	3.25E+00	5.35E+00
114	Cobalt	7440-48-4	kg	4.23E-01	0.00E+00	0.00E+00
115	Copper	7440-50-8	kg	5.91E-02	0.00E+00	0.00E+00
116	Cyanide	57-12-5	kg	1.12E+00	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	3.42E+03	2.18E+00	2.08E+02
122	Hydroxide	OHDEMAND	kg	2.29E+03	5.08E+00	1.47E+01
123	Iron	7439-89-6	kg	1.17E+02	3.73E-01	5.56E-01
124	Lanthanum	7439-91-0	kg	9.18E-03	0.00E+00	0.00E+00
125	Lead	7439-92-1	kg	8.96E+00	3.93E-02	7.90E-02
126	Lithium	7439-93-2	kg	2.65E-01	2.10E-01	0.00E+00
127	Magnesium	7439-95-4	kg	1.36E-01	0.00E+00	0.00E+00
128	Manganese	7439-96-5	kg	1.58E+00	6.23E-03	6.88E-02
130	Mercury	7439-97-6	kg	1.06E+00	1.62E-01	1.67E-02
131	Molybdenum	7439-98-7	kg	3.97E-01	0.00E+00	0.00E+00
132	Neodymium	7440-00-8	kg	5.02E-02	0.00E+00	0.00E+00
133	Nickel	7440-02-0	kg	3.48E+01	3.37E-01	3.38E-01
135	Nitrate	14797-55-8	kg	1.00E+05	2.37E+03	1.73E+03
136	Nitrite	14797-65-0	kg	1.12E+04	6.65E+02	1.05E+02
137	Oxalate	338-70-5	kg	1.41E+03	7.24E+00	2.10E+00
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	1.52E+04	6.71E+01	4.20E+02
141	Potassium	7440-09-7	kg	6.39E+02	4.42E+00	4.10E+00
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	3.96E-02	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	7.74E+00	0.00E+00	0.00E+00
148	Silicon	7440-21-3	kg	5.27E+02	1.79E+02	9.75E+00
149	Silver	7440-22-4	kg	9.26E-02	0.00E+00	0.00E+00
150	Sodium	7440-23-5	kg	8.78E+04	2.67E+03	2.28E+03
151	Strontium	7440-24-6	kg	1.43E+01	2.05E-03	7.40E-01
152	Sulfate	14808-79-8	kg	1.55E+04	6.92E+02	9.19E+02
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	0.00E+00	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	3.38E-03	9.73E-13	4.41E-14
161	Titanium	7440-32-6	kg	4.66E-02	0.00E+00	0.00E+00
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	6.43E+01	1.06E+01	5.02E-01
164	Vanadium	7440-62-2	kg	2.33E-01	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	2.17E-05	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	1.05E-01	0.00E+00	0.00E+00
168	Zirconium	7440-67-7	kg	1.35E+00	1.45E-01	1.44E-01
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00
326	Tributyl phosphate	126-73-8	kg	0.00E+00	0.00E+00	0.00E+00



241-B-103	241-B-104	241-B-105	241-B-106	241-B-107	241-B-108	241-B-109	241-B-110	241-B-111
1.61E-02	9.22E-03	1.51E-02	1.33E-02	5.52E-02	1.73E-02	1.54E-02	5.77E-02	7.76E-02
1.11E-03	2.75E-03	1.17E-03	1.79E-03	1.13E-02	2.99E-03	2.80E-03	6.57E-02	7.84E-02
1.10E-04	6.05E-05	7.11E-05	6.08E-06	7.84E-04	3.01E-05	2.30E-04	1.22E-04	1.21E-04
1.11E-02	6.26E-03	7.18E-03	6.19E-04	7.60E-02	3.03E-03	2.19E-02	1.13E-02	1.12E-02
4.31E-04	1.93E-04	1.69E-04	2.83E-05	5.66E-03	1.53E-04	3.49E-04	2.80E-03	2.78E-03
4.13E-05	2.78E-05	3.85E-05	2.61E-05	1.14E-04	1.90E-05	1.53E-05	1.21E-04	3.72E-03
1.70E+01	1.70E+01	1.01E+01	1.70E+01	3.31E+01	1.41E+01	3.77E+00	3.21E+01	2.94E+01
1.70E+01	1.70E+01	1.01E+01	1.70E+01	3.31E+01	1.41E+01	3.77E+00	3.21E+01	2.94E+01
1.78E-03	6.69E-04	6.96E-04	1.01E-04	1.09E-02	6.43E-04	5.73E-04	3.88E-03	3.87E-03
2.17E-03	9.23E-04	1.18E-03	1.58E-03	5.36E-03	8.25E-04	7.14E-04	4.65E-03	4.60E-03
1.29E-02	2.52E-01	2.75E-02	1.42E-01	5.96E-01	6.11E-03	4.80E-03	8.65E-01	5.22E+00
1.80E-13	6.78E-14	6.83E-14	1.18E-14	6.40E-13	1.99E-12	1.92E-12	8.03E-08	4.75E-07
7.27E-04	5.19E-04	4.07E-04	1.98E-04	2.93E-03	1.03E-03	9.66E-04	4.79E-03	4.15E-03
7.98E-05	3.06E-05	3.07E-05	4.97E-06	1.88E-04	2.88E-05	2.57E-05	3.24E-04	3.21E-04
9.25E-06	3.48E-06	3.58E-06	4.95E-07	3.06E-05	3.53E-06	3.16E-06	1.18E-03	6.89E-03
1.76E-05	1.12E-05	1.68E-05	1.33E-05	6.11E-04	4.18E-04	4.02E-04	3.81E-05	1.99E-05
7.50E-08	2.16E-08	2.20E-08	4.43E-08	1.11E-06	4.06E-07	3.89E-07	3.74E-03	3.63E-05
2.17E+01	6.18E+00	6.37E+00	1.21E+02	2.74E+02	3.77E+01	7.57E+00	3.21E+02	3.02E+03
2.29E+01	6.54E+00	6.74E+00	1.28E+02	2.90E+02	3.99E+01	8.00E+00	3.40E+02	3.19E+03
9.47E-01	3.60E-01	3.57E-01	4.96E-02	2.17E+00	3.41E-01	3.05E-01	1.03E+00	9.91E-01
2.85E-05	1.13E-05	1.11E-05	1.98E-06	6.44E-05	1.04E-05	9.29E-06	2.33E-04	1.62E-04
1.99E-03	7.88E-04	7.79E-04	1.38E-04	4.51E-03	7.29E-04	6.50E-04	1.12E-02	1.10E-02
9.61E-04	3.79E-04	3.75E-04	6.57E-05	2.17E-03	3.51E-04	3.13E-04	4.28E-03	4.18E-03
1.40E-07	3.89E-08	1.96E-07	7.16E-09	2.39E-07	5.16E-08	4.35E-08	4.72E-09	4.03E-09
7.01E-13	2.05E-13	1.06E-12	3.83E-14	1.08E-05	1.50E-04	1.45E-04	1.19E-07	1.18E-07
5.50E-07	2.09E-07	2.07E-07	2.89E-08	1.28E-06	2.09E-07	1.87E-07	2.50E-08	2.46E-08
8.47E-11	3.50E-11	3.17E-11	4.88E-12	1.72E-05	2.81E-06	2.72E-06	9.40E-10	1.15E-09
7.13E-13	2.95E-13	2.67E-13	4.11E-14	7.82E-05	1.28E-05	1.24E-05	2.62E-09	2.59E-09
1.54E-06	6.05E-07	7.32E-07	4.40E-07	3.52E-06	9.05E-07	8.21E-07	5.83E-08	5.77E-08
4.60E-09	2.04E-09	9.61E-11	2.33E-09	2.85E-06	2.47E-06	4.09E-05	4.38E-08	1.86E-07
4.02E-10	1.72E-10	7.93E-12	1.95E-10	1.76E-04	1.53E-04	2.54E-03	2.79E-06	2.81E-06
4.63E-04	1.73E-04	7.35E-06	1.92E-04	1.20E-03	9.66E-05	4.03E-04	1.91E-06	2.88E-03
2.08E-05	7.72E-06	3.29E-07	8.56E-06	5.36E-05	4.20E-06	1.60E-05	7.99E-08	1.28E-04
4.42E-06	1.89E-06	8.66E-08	2.19E-06	1.41E-05	1.40E-06	9.25E-06	5.18E-08	4.65E-05
4.71E-04	1.76E-04	7.50E-06	1.95E-04	1.22E-03	9.60E-05	3.70E-04	1.79E-06	2.82E-03
5.51E-05	2.10E-05	2.04E-05	3.09E-06	1.39E-04	2.01E-05	1.78E-05	8.13E-05	3.14E-03
1.19E-04	5.25E-05	4.20E-05	1.38E-05	7.25E-04	1.97E-05	2.97E-05	2.26E-03	6.86E-03
1.60E-02	7.33E-03	5.67E-03	1.95E-03	8.41E-02	2.60E-03	3.77E-03	7.26E-02	2.00E-01
1.81E-03	8.08E-04	6.41E-04	2.13E-04	1.02E-02	2.97E-04	4.40E-04	7.83E-03	2.54E-02
3.16E-03	1.38E-03	1.11E-03	3.63E-04	2.53E-02	5.46E-04	8.77E-04	1.75E-02	1.38E-01
2.63E-08	1.14E-08	9.28E-09	2.99E-09	2.08E-07	4.53E-09	7.27E-09	1.52E-07	1.36E-06
3.12E-03	1.76E-03	1.13E-03	7.24E-04	6.56E-03	7.59E-04	1.01E-03	1.39E-01	3.66E+00
4.08E-07	2.13E-07	1.48E-07	9.49E-08	6.23E-07	9.89E-08	1.29E-07	2.00E-05	8.08E-04
8.15E-07	9.07E-07	7.78E-07	2.29E-06	8.56E-06	1.70E-07	2.35E-07	4.32E-06	4.28E-06
9.07E-09	1.01E-08	8.68E-09	2.56E-08	1.03E-07	1.95E-09	2.96E-09	1.24E-07	1.23E-07
2.04E-07	2.28E-07	1.95E-07	5.77E-07	2.38E-06	4.44E-08	6.98E-08	2.97E-06	2.94E-06
6.97E-01	1.01E+00	2.63E-01	6.07E+00	1.27E+01	6.41E+00	2.52E+01	3.04E+00	2.14E+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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-03	1.49E-03
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	0.00E+00	5.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-03	1.82E-03	0.00E+00	0.00E+00	0.00E+00
4.51E-01	7.03E-02	6.38E-01	1.39E-01	2.08E+00	1.25E-01	1.81E-01	2.14E+00	2.67E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	1.08E-02	5.72E-02	1.38E-01	0.00E+00	5.83E-02	0.00E+00
2.97E+00	1.10E-01	1.33E+01	3.62E-01	1.92E+00	1.87E+00	1.50E+00	1.55E+00	4.15E-01



241-B-112	241-BX-101	241-BX-102	241-BX-103	241-BX-104	241-BX-105	241-BX-106	241-BX-107	241-BX-108
1.79E-01	9.95E-03	4.35E-03	1.25E-01	1.00E-01	5.41E-01	2.17E-01	2.37E-03	1.20E-02
2.47E-02	2.10E-03	1.04E-03	3.33E-03	7.74E-04	5.93E-03	2.48E-03	2.08E-03	1.33E-03
8.14E-03	6.33E-04	3.25E-04	6.22E-03	6.47E-04	6.81E-03	3.93E-04	1.27E-05	3.49E-06
7.65E-01	5.97E-02	3.07E-02	5.88E-01	6.15E-02	6.24E-01	3.60E-02	1.77E-03	3.49E-04
6.12E-02	6.87E-06	3.52E-06	1.11E-02	3.69E-03	3.43E-02	5.69E-06	8.10E-05	9.30E-05
1.71E-03	3.76E-06	4.51E-07	6.14E-06	4.29E-06	1.11E-05	6.63E-06	9.94E-06	2.67E-05
2.17E+01	1.70E+01	4.96E-01	1.84E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
2.17E+01	1.70E+01	4.96E-01	1.84E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
5.46E-02	0.00E+00	0.00E+00	1.79E-05	4.03E-06	1.50E-05	0.00E+00	1.27E-04	9.43E-04
5.96E-02	0.00E+00	0.00E+00	2.21E-05	4.46E-06	1.98E-05	0.00E+00	2.42E-04	1.24E-04
5.23E-01	1.08E-03	1.48E-04	1.79E-03	8.47E-02	1.08E-01	1.22E-01	2.63E-01	9.22E-02
3.30E-11	6.24E-12	3.21E-12	7.32E-11	2.21E-14	2.26E-13	2.67E-14	4.38E-15	1.47E-16
7.20E-02	1.16E-04	5.84E-05	1.53E-03	3.57E-04	8.13E-04	9.74E-05	9.62E-05	1.48E-04
4.20E-03	6.91E-08	8.84E-09	1.69E-06	5.78E-07	4.87E-06	1.21E-07	4.11E-06	2.68E-06
2.81E-03	0.00E+00	0.00E+00	7.87E-06	9.99E-07	9.64E-07	0.00E+00	6.68E-08	1.73E-06
2.80E-04	2.43E-04	1.24E-04	4.22E-04	1.54E-04	1.13E-04	5.48E-05	4.28E-06	1.17E-05
1.56E-04	2.23E-07	1.13E-07	1.50E-06	1.29E-07	1.69E-07	2.05E-08	8.40E-10	4.49E-08
3.52E+02	3.04E+00	1.27E-01	2.12E+01	1.26E+02	1.60E+02	4.01E+01	1.67E+01	8.26E+01
3.72E+02	3.22E+00	1.34E-01	2.24E+01	1.34E+02	1.69E+02	4.24E+01	1.77E+01	8.73E+01
1.14E+00	4.44E-06	5.76E-07	1.54E-02	2.95E-03	1.21E-02	7.76E-06	5.13E-05	7.13E-05
1.96E-04	6.67E-08	2.41E-08	3.58E-06	4.11E-07	1.45E-06	6.59E-08	1.03E-09	1.43E-09
1.36E-02	4.67E-06	1.70E-06	2.52E-04	2.64E-05	9.62E-05	4.50E-06	6.94E-08	9.84E-08
5.34E-03	2.16E-06	7.71E-07	1.14E-04	1.04E-05	3.45E-05	1.94E-06	3.00E-08	4.57E-08
1.00E-07	1.55E-10	1.86E-11	2.05E-09	2.76E-09	2.86E-09	2.46E-10	2.67E-08	1.66E-09
8.46E-05	4.10E-06	2.11E-06	1.44E-05	7.48E-07	1.14E-14	1.02E-15	3.00E-13	8.67E-15
3.48E-05	8.80E-09	4.52E-09	4.00E-07	6.59E-10	2.21E-09	1.76E-11	1.02E-10	1.50E-10
1.08E-07	2.56E-05	1.32E-05	3.23E-05	8.69E-09	6.54E-13	6.38E-13	2.69E-11	2.96E-12
4.11E-07	1.17E-04	6.01E-05	1.47E-04	3.97E-08	5.18E-15	5.31E-15	2.26E-13	2.50E-14
3.80E-04	0.00E+00	0.00E+00	1.43E-06	3.79E-09	4.70E-09	0.00E+00	6.00E-08	2.08E-08
1.24E-05	1.93E-05	9.90E-06	4.64E-05	1.56E-07	4.75E-10	8.06E-09	1.06E-08	1.66E-08
7.74E-04	1.20E-03	6.14E-04	2.88E-03	9.68E-06	3.61E-11	4.52E-10	8.80E-10	1.39E-09
7.27E-05	3.29E-04	8.47E-05	9.40E-04	8.92E-06	3.94E-05	2.79E-04	8.49E-04	1.36E-03
2.87E-06	1.38E-05	3.31E-06	3.97E-05	3.84E-07	1.77E-06	1.22E-05	3.79E-05	6.09E-05
1.52E-06	5.94E-06	2.09E-06	1.60E-05	1.45E-07	3.92E-07	4.78E-06	9.48E-06	1.56E-05
6.39E-05	3.16E-04	7.64E-05	9.11E-04	8.76E-06	4.01E-05	2.86E-04	8.66E-04	1.39E-03
8.80E-04	3.79E-07	4.55E-08	2.41E-06	2.10E-07	8.74E-07	6.73E-07	2.95E-06	7.17E-06
3.21E-04	5.48E-04	1.77E-05	3.52E-03	4.97E-05	4.27E-04	2.80E-04	1.31E-04	1.05E-04
9.08E-03	2.76E-02	7.48E-04	1.86E-01	4.47E-03	2.90E-02	2.17E-02	1.86E-02	1.50E-02
2.05E-03	5.71E-03	1.77E-04	3.72E-02	6.30E-04	5.31E-03	3.59E-03	2.02E-03	1.62E-03
1.61E-02	3.27E-02	1.10E-03	2.07E-01	2.10E-03	1.84E-02	1.14E-02	3.40E-03	2.73E-03
1.51E-07	2.66E-07	8.98E-09	1.68E-06	1.81E-08	1.52E-07	9.48E-08	2.81E-08	2.23E-08
1.10E-02	2.12E-02	3.18E-04	2.37E-01	1.07E-02	6.37E-03	1.90E-02	1.61E-02	3.96E-03
4.37E-06	1.94E-06	7.97E-09	2.36E-05	2.91E-07	2.28E-07	2.57E-06	1.64E-06	5.33E-07
3.53E-05	1.42E-06	5.36E-09	5.12E-06	1.96E-06	1.11E-06	1.90E-06	1.67E-07	7.45E-06
1.16E-06	2.18E-08	2.65E-10	7.92E-08	2.41E-08	1.31E-08	2.14E-08	1.87E-09	8.34E-08
2.77E-05	5.45E-07	7.85E-09	1.99E-06	6.18E-07	2.99E-07	4.82E-07	4.20E-08	1.88E-06
1.34E+02	3.72E+01	1.88E+01	1.68E+02	4.49E+01	2.74E+00	1.18E+01	9.97E-01	2.12E+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	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	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	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	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	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	0.00E+00
1.02E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.93E+00	3.67E-01
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-02	0.00E+00	7.08E-03	3.48E-03	0.00E+00
1.32E+00	6.00E-02	6.19E-02	1.67E-01	4.64E-02	3.98E-01	4.35E-01	4.05E+00	2.02E+00



241-BX-109	241-BX-110	241-BX-111	241-BX-112	241-BY-101	241-BY-102	241-BY-103	241-BY-104	241-BY-105
2.42E-02	2.88E-01	3.47E-01	3.21E-03	3.72E-01	3.42E-01	3.80E-01	3.74E-01	4.26E-01
1.05E-03	3.98E-02	3.23E-02	1.59E-03	3.20E-02	4.71E-02	3.51E-02	3.53E-02	3.82E-02
2.55E-06	5.23E-02	1.16E-02	2.91E-06	1.17E-02	2.74E-02	1.27E-02	4.53E-03	1.37E-02
2.17E-04	4.92E+00	1.09E+00	3.95E-04	1.10E+00	2.58E+00	1.20E+00	4.26E-01	1.28E+00
5.10E-06	8.48E-02	1.37E-02	2.35E-05	8.50E-03	6.24E-02	1.50E-02	1.85E-02	1.70E-03
4.62E-05	2.50E-03	2.37E-03	2.91E-07	3.15E-03	3.19E-03	3.34E-03	3.44E-03	3.84E-03
1.71E+01	2.00E+01	1.72E+01	1.70E+01	1.86E+01	2.01E+01	3.60E+01	2.32E+01	1.83E+01
1.71E+01	2.00E+01	1.72E+01	1.70E+01	1.86E+01	2.01E+01	3.60E+01	2.32E+01	1.83E+01
0.00E+00	4.53E-02	3.66E-02	1.35E-04	2.77E-02	5.19E-02	3.97E-02	3.49E-02	3.69E-02
0.00E+00	7.40E-02	3.22E-02	1.35E-04	2.04E-02	5.12E-02	3.51E-02	4.21E-02	2.95E-02
6.21E-03	5.51E-01	3.04E-01	1.57E-01	2.47E-01	8.28E-01	3.23E-01	3.62E-01	9.87E-02
2.43E-16	6.52E-12	1.40E-11	1.92E-14	1.38E-11	2.43E-11	1.53E-11	5.02E-12	1.66E-11
7.75E-04	1.28E-01	3.35E-02	9.19E-05	2.07E-02	6.59E-02	3.66E-02	4.54E-02	3.03E-02
2.78E-06	3.94E-03	2.28E-03	1.14E-06	1.46E-03	3.69E-03	2.49E-03	3.14E-03	2.10E-03
0.00E+00	1.97E-04	6.06E-03	2.46E-07	6.70E-03	1.21E-02	6.65E-03	1.52E-04	7.77E-03
2.23E-05	6.34E-03	6.81E-03	3.79E-06	7.48E-03	6.29E-03	7.50E-03	6.99E-03	8.68E-03
0.00E+00	1.51E-04	2.12E-04	6.53E-10	2.09E-04	2.78E-04	2.33E-04	2.38E-04	2.52E-04
0.00E+00	3.68E+02	5.54E+02	3.54E+01	9.65E+02	6.93E+02	6.05E+02	7.90E+02	4.74E+02
0.00E+00	3.89E+02	5.85E+02	3.74E+01	1.02E+03	7.32E+02	6.39E+02	8.35E+02	5.01E+02
4.75E-13	1.06E+00	5.82E-01	2.27E-02	3.51E-01	8.45E-01	6.37E-01	8.19E-01	5.20E-01
1.52E-17	1.82E-04	4.04E-04	1.09E-06	3.99E-04	4.21E-04	4.43E-04	4.49E-04	4.81E-04
1.06E-15	1.26E-02	2.80E-02	6.99E-05	2.77E-02	2.92E-02	3.07E-02	3.11E-02	3.34E-02
5.08E-16	4.97E-03	1.10E-02	2.61E-05	1.09E-02	1.15E-02	1.21E-02	1.22E-02	1.31E-02
5.24E-09	2.05E-07	8.95E-08	1.53E-09	7.88E-08	9.94E-08	9.63E-08	7.09E-08	9.49E-08
2.01E-14	1.61E-04	7.44E-05	2.19E-14	6.10E-05	8.40E-05	8.72E-05	5.98E-05	7.88E-05
2.75E-19	3.24E-05	1.77E-05	8.51E-09	1.06E-05	2.58E-05	1.94E-05	2.50E-05	1.58E-05
1.61E-12	2.18E-07	1.42E-07	4.35E-12	1.33E-07	9.33E-08	2.28E-06	6.68E-08	1.64E-07
1.36E-14	8.30E-07	5.40E-07	3.68E-14	5.08E-07	3.56E-07	1.03E-05	2.55E-07	2.50E-07
0.00E+00	4.05E-04	2.10E-04	6.35E-08	1.36E-04	2.79E-04	2.30E-04	2.70E-04	1.95E-04
3.15E-08	5.17E-05	4.25E-06	1.81E-10	3.60E-06	1.74E-05	4.45E-05	3.55E-06	3.26E-05
2.64E-09	3.23E-03	2.65E-04	1.42E-11	2.24E-04	1.09E-03	2.78E-03	2.21E-04	2.03E-03
2.60E-03	6.24E-04	1.05E-04	1.05E-05	4.18E-04	7.10E-05	1.96E-04	1.44E-05	8.99E-04
1.16E-04	2.63E-05	4.57E-06	4.64E-07	1.86E-05	2.64E-06	7.33E-06	5.37E-07	3.91E-05
2.98E-05	9.96E-06	1.42E-06	1.53E-07	4.90E-06	1.80E-06	4.95E-06	3.68E-07	1.22E-05
2.65E-03	5.94E-04	1.04E-04	1.07E-05	4.23E-04	5.81E-05	1.63E-04	1.18E-05	8.89E-04
4.17E-06	1.04E-03	6.25E-04	5.14E-07	5.01E-04	8.49E-04	6.84E-04	5.37E-04	1.61E-04
4.11E-05	3.71E-04	4.94E-05	4.18E-04	9.44E-05	2.52E-04	4.44E-06	2.23E-04	6.19E-06
5.90E-03	1.71E-02	1.28E-03	5.94E-02	2.45E-03	6.54E-03	1.15E-04	5.77E-03	1.60E-04
6.32E-04	2.90E-03	3.07E-04	6.47E-03	5.88E-04	1.56E-03	2.77E-05	1.38E-03	3.85E-05
1.07E-03	1.73E-02	2.51E-03	1.09E-02	4.80E-03	1.28E-02	2.26E-04	1.13E-02	3.14E-04
8.70E-09	1.60E-07	2.34E-08	9.00E-08	4.49E-08	1.20E-07	2.11E-09	1.06E-07	2.94E-09
2.87E-03	1.83E-02	4.35E-03	6.86E-05	4.23E-02	2.65E-02	1.02E-02	7.73E-03	4.06E-02
4.06E-07	5.90E-06	1.19E-06	7.07E-09	6.76E-06	1.06E-05	4.06E-06	3.08E-06	1.36E-05
3.30E-06	3.76E-05	5.56E-06	9.95E-07	1.10E-05	2.99E-05	3.22E-06	2.57E-04	2.84E-05
3.70E-08	1.19E-06	1.83E-07	1.11E-08	3.55E-07	9.88E-07	1.06E-07	7.87E-06	9.35E-07
8.35E-07	2.84E-05	4.36E-06	2.50E-07	8.44E-06	2.35E-05	2.53E-06	1.87E-04	2.23E-05
3.35E+00	2.05E+01	1.51E+02	1.96E+00	2.04E+02	3.41E+02	3.08E+02	4.50E+02	2.67E+02
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	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	0.00E+00	0.00E-02	1.02E-01
0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-02
0.00E+00	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00	7.22E-02	2.52E-02
0.00E+00	0.00E+00	0.00E+00	8.15E-06	0.00E+00	0.00E+00	0.00E+00	7.22E-03	2.52E-03
0.00E+00	5.03E-02	4.98E+00	2.06E-01	4.19E-02	4.09E-02	4.63E-02	3.88E-02	4.00E-01
0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	7.22E-02	2.64E-02
5.25E-01	0.00E+00	0.00E+00	5.41E-02	0.00E+00	0.00E+00	0.00E+00	7.22E-03	3.07E-03
1.06E+00	2.53E+00	5.18E-01	5.52E-01	6.41E+00	9.00E-01	1.67E+00	1.44E-01	2.97E+01



241-BY-106	241-BY-107	241-BY-108	241-BY-109	241-BY-110	241-BY-111	241-BY-112
3.68E-01	3.30E-01	4.21E-01	3.78E-01	3.50E-01	3.43E-01	2.71E-01
4.86E-02	4.41E-02	5.62E-02	3.73E-02	3.23E-02	4.58E-02	3.73E-02
2.30E-01	4.93E-03	7.16E-02	1.39E-02	3.14E-02	7.15E-02	2.23E-02
2.16E+01	4.64E-01	6.73E+00	1.31E+00	2.95E+00	6.73E+00	2.10E+00
5.76E-02	2.02E-02	1.79E-01	2.38E-02	2.20E-02	1.05E-01	4.73E-02
3.45E-03	2.96E-03	3.96E-03	3.40E-03	3.22E-03	3.10E-03	2.21E-03
1.89E+01	1.90E+01	2.06E+01	2.30E+01	2.51E+01	2.05E+01	2.11E+01
1.89E+01	1.90E+01	2.06E+01	2.30E+01	2.51E+01	2.05E+01	2.11E+01
2.13E-02	5.01E-02	7.42E-02	5.47E-02	4.75E-02	4.57E-02	3.11E-02
4.50E-03	6.89E-02	9.94E-02	5.50E-02	3.20E-02	6.45E-02	2.74E-02
4.12E-01	5.12E-01	7.00E-01	4.11E-01	3.05E-01	5.03E-01	6.36E-01
6.74E-08	1.12E-08	8.64E-12	1.62E-11	1.03E-08	1.24E-08	1.94E-11
1.37E-01	1.40E-01	1.84E-01	5.83E-02	6.30E-02	1.42E-01	3.90E-02
5.25E-04	3.36E-03	5.25E-03	3.89E-03	4.31E-03	2.89E-03	2.01E-03
9.15E-03	6.45E-03	7.60E-03	5.83E-03	1.10E-02	7.10E-03	1.06E-02
1.13E-02	8.12E-03	9.63E-03	6.83E-03	6.76E-03	8.89E-03	5.42E-03
3.70E-04	2.73E-04	1.45E-04	2.48E-04	3.63E-04	2.80E-04	2.12E-04
1.70E+03	1.31E+03	3.00E+02	6.02E+02	1.41E+03	7.02E+02	5.42E+02
1.80E+03	1.39E+03	3.17E+02	6.37E+02	1.49E+03	7.43E+02	5.73E+02
8.70E-02	8.86E-01	1.40E+00	1.03E+00	6.22E-01	7.53E-01	4.02E-01
1.50E-05	1.53E-04	2.41E-04	4.65E-04	4.08E-04	1.30E-04	3.12E-04
1.04E-03	1.06E-02	1.67E-02	3.22E-02	1.36E-02	8.97E-03	2.17E-02
4.09E-04	4.17E-03	6.58E-03	1.27E-02	1.11E-02	3.54E-03	8.52E-03
2.21E-07	2.10E-07	1.22E-07	1.25E-07	1.37E-07	2.08E-07	5.85E-08
1.83E-04	1.74E-04	1.03E-04	1.44E-04	1.12E-04	1.76E-04	4.89E-05
2.67E-06	2.72E-05	4.30E-05	3.14E-05	1.90E-05	2.31E-05	1.22E-05
1.79E-07	1.91E-07	1.15E-07	1.44E-05	2.23E-07	1.93E-07	5.42E-08
6.83E-07	7.29E-07	4.39E-07	6.58E-05	8.50E-07	7.35E-07	2.07E-07
2.88E-05	3.65E-04	5.47E-04	3.57E-04	2.05E-04	3.28E-04	1.32E-04
6.05E-06	2.24E-05	6.09E-06	4.07E-05	1.31E-04	1.69E-05	1.39E-05
3.77E-04	1.40E-03	3.80E-04	2.54E-03	8.15E-03	1.06E-03	8.67E-04
2.85E-04	3.13E-04	2.48E-05	1.72E-04	2.54E-03	6.91E-05	2.35E-04
1.25E-05	1.33E-05	9.23E-07	6.42E-06	1.09E-04	2.57E-06	9.99E-06
3.61E-06	4.86E-06	6.32E-07	4.36E-06	3.65E-05	1.75E-06	3.86E-06
2.85E-04	3.00E-04	2.03E-05	1.42E-04	2.48E-03	5.65E-05	2.29E-04
1.14E-03	1.33E-03	9.23E-04	9.05E-04	8.54E-04	1.32E-03	5.23E-04
7.46E-05	2.64E-04	3.16E-04	2.80E-04	1.56E-05	6.70E-04	2.38E-04
4.99E-03	8.96E-03	1.64E-02	7.25E-03	4.05E-04	1.74E-02	6.19E-03
7.05E-04	1.81E-03	2.61E-03	1.74E-03	9.73E-05	4.16E-03	1.48E-03
3.14E-03	1.29E-02	1.43E-02	1.42E-02	7.94E-04	3.39E-02	1.21E-02
2.86E-08	1.20E-07	1.32E-07	1.33E-07	7.43E-09	3.18E-07	1.13E-07
2.74E-03	8.24E-03	2.06E-03	4.76E-02	4.40E-02	1.54E-02	2.07E-02
6.41E-07	3.10E-06	8.22E-07	1.89E-05	1.40E-05	6.14E-06	8.24E-06
6.65E-05	7.06E-05	1.13E-04	3.19E-05	1.21E-04	1.04E-04	2.79E-05
1.36E-06	2.02E-06	2.91E-06	1.05E-06	3.36E-06	3.43E-06	9.20E-07
3.19E-05	4.79E-05	6.87E-05	2.51E-05	7.96E-05	8.18E-05	2.19E-05
3.45E+02	5.36E+02	8.63E+02	3.21E+02	3.39E+02	2.54E+02	1.73E+02
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	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	3.33E-02	4.28E-02	0.00E+00	0.00E+00
0.00E+00	2.69E-03	0.00E+00	3.31E-03	4.28E-03	2.12E-03	0.00E+00
8.13E-03	4.54E-02	7.42E-02	6.27E-02	6.29E-01	3.61E-02	1.97E-02
0.00E+00	0.00E+00	7.80E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00
0.00E+00	8.16E-02	0.00E+00	6.17E-03	5.06E-02	8.25E-01	0.00E+00
6.31E+00	2.92E+00	2.95E-01	7.84E-01	1.06E+01	1.87E+00	7.84E-01





Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA C Total Inventory	241-C-101	241-C-102
1	Tritium	3H	Ci	1.13E+01	2.08E+00	7.81E-01
3	Carbon-14	14C	Ci	3.29E-01	2.30E-02	3.00E-02
15	Nickel-59	59Ni	Ci	4.07E-02	1.47E-03	3.01E-03
16	Nickel-63	63Ni	Ci	3.76E+00	1.35E-01	2.83E-01
17	Cobalt-60	60Co	Ci	6.03E-01	2.60E-03	4.34E-02
18	Selenium-79	79Se	Ci	1.98E-01	4.41E-05	5.67E-05
19	Strontium-90	90Sr	Ci	6.68E+02	5.04E+01	5.43E+01
20	Yttrium-90	90Y	Ci	6.68E+02	5.04E+01	5.43E+01
22	Niobium-93m	93mNb	Ci	9.01E-04	7.20E-07	5.80E-06
25	Zirconium-93	93Zr	Ci	3.74E-03	2.35E-05	2.03E-04
26	Technetium-99	99Tc	Ci	9.27E+00	1.50E-02	1.75E-02
27	Ruthenium-106	106Ru	Ci	1.95E-07	2.50E-15	1.29E-12
31	Cadmium-113m	113mCd	Ci	3.02E-02	6.04E-04	9.99E-04
34	Tin-126	126Sn	Ci	6.03E-02	1.33E-05	1.60E-05
35	Antimony-125	125Sb	Ci	4.97E-02	6.78E-08	1.18E-06
37	Iodine-129	129I	Ci	4.29E-02	2.12E-03	2.12E-03
39	Cesium-134	134Cs	Ci	8.90E-02	5.85E-07	1.11E-04
40	Barium-137m	137mBa	Ci	6.79E+03	7.69E+02	3.97E+02
41	Cesium-137	137Cs	Ci	7.18E+03	8.13E+02	4.20E+02
44	Samarium-151	151Sm	Ci	1.26E+00	2.64E-09	1.97E-09
46	Europium-152	152Eu	Ci	6.07E-02	7.19E-14	2.64E-13
47	Europium-154	154Eu	Ci	4.72E-01	4.88E-12	4.56E-10
48	Europium-155	155Eu	Ci	2.57E-01	2.03E-12	2.49E-10
58	Radium-226	226Ra	Ci	4.03E-02	2.29E-09	4.23E-09
59	Radium-228	228Ra	Ci	1.11E-04	9.99E-15	1.08E-04
60	Actinium-227	227Ac	Ci	2.44E-07	1.98E-15	7.45E-11
62	Thorium-229	229Th	Ci	1.44E-04	1.57E-13	3.24E-05
64	Thorium-232	232Th	Ci	7.43E-04	1.29E-15	6.96E-05
65	Protactinium-231	231Pa	Ci	1.93E-06	2.66E-11	4.52E-07
66	Uranium-232	232U	Ci	9.75E-04	4.64E-08	3.95E-04
67	Uranium-233	233U	Ci	7.13E-02	2.47E-09	2.58E-02
68	Uranium-234	234U	Ci	7.14E-02	1.38E-03	1.35E-03
69	Uranium-235	235U	Ci	3.06E-03	5.99E-05	5.08E-05
70	Uranium-236	236U	Ci	1.34E-03	2.58E-05	1.70E-05
71	Uranium-238	238U	Ci	7.16E-02	1.41E-03	1.16E-03
72	Neptunium-237	237Np	Ci	2.73E-03	3.35E-06	1.61E-06
74	Plutonium-238	238Pu	Ci	2.63E-02	1.34E-04	1.08E-03
75	Plutonium-239	239Pu	Ci	9.32E-01	9.52E-03	4.16E-02
76	Plutonium-240	240Pu	Ci	1.61E-01	1.69E-03	9.96E-03
77	Plutonium-241	241Pu	Ci	8.42E-01	5.68E-03	6.73E-02
78	Plutonium-242	242Pu	Ci	8.11E-06	4.71E-08	5.76E-07
80	Americium-241	241Am	Ci	4.24E+01	1.15E-01	8.31E-01
82	Americium-243	243Am	Ci	1.34E-02	1.52E-05	3.52E-05
83	Curium-242	242Cm	Ci	2.03E-03	1.25E-05	2.62E-05
84	Curium-243	243Cm	Ci	1.94E-04	1.40E-07	1.91E-06
85	Curium-244	244Cm	Ci	4.27E-03	3.17E-06	4.98E-05
97	Aluminum	7429-90-5	kg	5.06E+02	2.15E+02	8.13E+00
98	Ammonia	7664-41-7	kg	7.59E-05	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	5.49E-03	0.00E+00	0.00E+00

101	Arsenic	7440-38-2	kg	8.02E-06	0.00E+00	0.00E+00
102	Barium	7440-39-3	kg	1.30E-05	0.00E+00	0.00E+00
103	Beryllium	7440-41-7	kg	1.29E-05	0.00E+00	0.00E+00
104	Bismuth	7440-69-9	kg	5.52E+00	1.27E-01	1.06E+00
105	Boron	7440-42-8	kg	9.11E-04	0.00E+00	0.00E+00
107	Cadmium	7440-43-9	kg	9.75E-01	0.00E+00	0.00E+00
108	Calcium	7440-70-2	kg	2.65E+01	2.45E+00	4.71E+00
108.5	Carbonate	CO3	kg	4.29E+03	2.69E+02	1.51E+03
109	Cerium	7440-45-1	kg	8.33E-04	0.00E+00	0.00E+00
110	Chloride	16887-00-6	kg	2.21E+02	2.14E+01	3.87E+01
111	Chromium	18540-29-9	kg	4.90E+01	3.60E-01	1.11E+00
114	Cobalt	7440-48-4	kg	2.28E-01	0.00E+00	0.00E+00
115	Copper	7440-50-8	kg	9.24E-05	0.00E+00	0.00E+00
116	Cyanide	57-12-5	kg	2.67E-03	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	1.49E+03	2.48E+01	8.96E+01
122	Hydroxide	OHDEMAND	kg	1.03E-03	0.00E+00	0.00E+00
123	Iron	7439-89-6	kg	7.86E+01	1.26E-01	1.34E-01
124	Lanthanum	7439-91-0	kg	2.96E-02	0.00E+00	0.00E+00
125	Lead	7439-92-1	kg	3.42E+01	5.01E+00	2.71E+00
126	Lithium	7439-93-2	kg	4.57E-07	0.00E+00	0.00E+00
127	Magnesium	7439-95-4	kg	2.60E-04	0.00E+00	0.00E+00
128	Manganese	7439-96-5	kg	1.15E+00	8.76E-03	4.24E-02
130	Mercury	7439-97-6	kg	4.04E+00	2.91E-01	4.54E-02
131	Molybdenum	7439-98-7	kg	1.14E-06	0.00E+00	0.00E+00
132	Neodymium	7440-00-8	kg	3.26E-06	0.00E+00	0.00E+00
133	Nickel	7440-02-0	kg	2.78E+01	3.64E-02	2.24E+00
135	Nitrate	14797-55-8	kg	1.12E+04	2.40E+03	1.41E+03
136	Nitrite	14797-65-0	kg	6.23E+03	2.73E+02	4.10E+02
137	Oxalate	338-70-5	kg	2.05E+02	8.13E+00	6.08E+00
138	Palladium	7440-05-3	kg	2.51E-05	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	5.53E+03	8.92E+02	2.85E+02
141	Potassium	7440-09-7	kg	8.95E+01	2.18E+00	1.69E+01
142	Praseodymium	7440-10-0	kg	4.57E-06	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	9.79E-06	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	1.83E-04	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	9.88E-03	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	4.97E+00	0.00E+00	0.00E+00
148	Silicon	7440-21-3	kg	2.44E+02	2.46E+01	1.38E+02
149	Silver	7440-22-4	kg	6.13E-05	0.00E+00	0.00E+00
150	Sodium	7440-23-5	kg	1.44E+04	1.56E+03	1.85E+03
151	Strontium	7440-24-6	kg	1.70E+00	3.57E-01	2.99E-01
152	Sulfate	14808-79-8	kg	1.75E+03	2.36E+02	1.47E+02
155	Tantalum	7440-25-7	kg	6.85E-06	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	1.40E-05	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	9.18E-06	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	1.03E-02	2.50E-14	5.67E-04
161	Titanium	7440-32-6	kg	1.71E-05	0.00E+00	0.00E+00
162	Tungsten	7440-33-7	kg	4.24E-04	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	2.15E+02	4.23E+00	3.49E+00
164	Vanadium	7440-62-2	kg	1.00E-04	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	1.63E-07	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	1.99E-04	0.00E+00	0.00E+00





241-C-103	241-C-104	241-C-105	241-C-106	241-C-107	241-C-108	241-C-109	241-C-110	241-C-111
1.30E+00	1.27E+00	4.74E+00	2.60E-04	8.44E-02	5.77E-02	6.53E-02	1.19E-02	6.36E-01
2.66E-02	4.81E-02	2.22E-02	2.05E-04	7.23E-03	4.18E-03	8.58E-04	6.79E-03	9.25E-03
6.87E-03	6.24E-03	5.81E-04	0.00E+00	0.00E+00	2.71E-04	1.14E-03	1.71E-06	3.69E-08
6.37E-01	5.80E-01	5.33E-02	6.11E-02	0.00E+00	2.42E-02	1.02E-01	2.44E-04	3.31E-06
2.22E-01	2.00E-01	9.36E-02	1.46E-02	0.00E+00	1.05E-05	1.71E-03	7.02E-06	1.56E-08
1.61E-03	1.72E-01	3.18E-05	2.04E-04	1.38E-03	8.43E-05	1.71E-04	2.59E-05	1.17E-04
8.73E+01	1.06E+02	1.46E+02	5.50E-01	7.67E+01	2.55E+01	3.74E+01	1.43E+01	3.31E+01
8.73E+01	1.06E+02	1.46E+02	5.50E-01	7.67E+01	2.55E+01	3.74E+01	1.43E+01	3.31E+01
5.00E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.56E-05	0.00E+00	2.23E-04	2.94E-05
9.17E-04	7.55E-06	2.00E-05	0.00E+00	0.00E+00	1.28E-05	0.00E+00	2.01E-03	5.47E-04
5.04E-01	1.42E+00	2.39E+00	6.72E-04	6.15E-01	2.86E-01	1.37E+00	6.12E-01	1.12E-01
5.49E-10	1.12E-09	8.20E-15	0.00E+00	0.00E+00	6.01E-14	1.94E-07	4.21E-14	1.12E-16
1.99E-03	2.82E-03	2.17E-02	0.00E+00	0.00E+00	6.98E-07	0.00E+00	1.52E-04	1.16E-03
9.35E-05	4.06E-04	3.01E-05	0.00E+00	5.97E-02	1.11E-05	4.23E-06	5.95E-06	2.05E-08
3.26E-04	0.00E+00	8.60E-06	4.93E-02	0.00E+00	3.44E-08	0.00E+00	1.31E-07	1.16E-05
3.26E-03	8.57E-03	4.22E-03	1.14E-05	1.93E-02	4.98E-05	1.09E-03	8.34E-06	1.41E-03
1.56E-04	8.19E-04	1.26E-07	8.55E-02	1.61E-03	1.75E-07	2.86E-07	5.53E-09	1.79E-05
4.49E+02	1.27E+03	2.67E+02	6.53E+00	5.55E+02	1.50E+02	8.35E+01	1.53E+02	8.16E+02
4.74E+02	1.34E+03	2.82E+02	6.90E+00	5.87E+02	1.59E+02	8.83E+01	1.61E+02	8.62E+02
3.33E-01	2.45E-06	0.00E+00	0.00E+00	5.06E-01	1.13E-04	1.73E-03	4.23E-01	0.00E+00
7.20E-05	3.38E-10	0.00E+00	1.83E-02	4.23E-02	1.38E-06	0.00E+00	1.33E-05	0.00E+00
1.88E-04	1.89E-08	0.00E+00	2.38E-02	3.88E-01	9.54E-05	0.00E+00	8.99E-04	0.00E+00
3.53E-04	1.13E-08	0.00E+00	2.30E-02	2.01E-01	4.45E-05	0.00E+00	3.91E-04	0.00E+00
1.33E-09	0.00E+00	6.99E-10	4.03E-02	0.00E+00	8.72E-10	3.70E-09	2.82E-08	3.77E-10
2.84E-08	0.00E+00	4.70E-15	0.00E+00	0.00E+00	4.69E-15	1.71E-14	3.13E-13	1.79E-15
2.89E-09	1.34E-10	0.00E+00	0.00E+00	1.01E-08	2.82E-10	4.09E-10	2.29E-07	0.00E+00
1.10E-08	1.81E-05	3.16E-12	0.00E+00	9.30E-05	3.41E-11	2.67E-12	1.25E-11	0.00E+00
2.79E-08	1.82E-04	2.52E-14	3.16E-07	4.66E-04	2.87E-13	2.12E-14	1.05E-13	0.00E+00
7.49E-09	7.16E-07	4.74E-09	0.00E+00	0.00E+00	6.68E-11	0.00E+00	5.54E-07	1.93E-07
2.71E-05	6.27E-05	3.30E-07	7.83E-09	4.89E-04	3.19E-09	2.66E-08	7.24E-09	0.00E+00
1.65E-03	1.34E-02	1.64E-08	1.04E-06	3.03E-02	2.66E-10	5.64E-08	6.03E-10	0.00E+00
2.52E-02	6.76E-04	7.80E-03	5.34E-07	2.01E-02	2.60E-04	6.07E-04	5.84E-04	0.00E+00
1.07E-03	1.96E-05	3.35E-04	2.19E-08	8.64E-04	1.16E-05	2.43E-05	2.61E-05	0.00E+00
5.80E-04	2.23E-05	1.69E-04	9.82E-09	3.29E-04	2.94E-06	8.88E-06	6.50E-06	0.00E+00
2.57E-02	3.82E-04	8.00E-03	5.12E-07	1.98E-02	2.65E-04	5.73E-04	5.95E-04	0.00E+00
8.57E-04	1.43E-04	4.90E-06	3.06E-05	3.40E-04	2.16E-05	4.14E-05	4.02E-06	0.00E+00
9.74E-04	2.55E-03	1.35E-03	3.27E-03	1.01E-02	2.80E-05	1.33E-03	4.42E-04	1.73E-05
4.70E-02	5.76E-02	8.38E-02	2.02E-02	4.97E-01	3.97E-03	5.26E-02	6.29E-02	9.40E-04
9.90E-03	1.48E-02	1.65E-02	4.32E-03	8.07E-02	4.31E-04	9.04E-03	6.85E-03	1.83E-04
4.16E-02	1.39E-01	5.99E-02	4.81E-02	4.06E-01	7.34E-04	4.58E-02	1.15E-02	7.11E-04
3.56E-07	1.38E-06	4.98E-07	5.03E-07	3.71E-06	6.02E-09	8.14E-07	9.50E-08	6.02E-09
3.69E-01	3.29E-01	4.04E+01	2.35E-02	0.00E+00	5.48E-02	1.96E-02	2.53E-02	0.00E+00
1.78E-04	7.15E-05	9.45E-04	1.10E-06	1.21E-02	6.77E-06	2.84E-06	2.61E-06	0.00E+00
2.15E-05	9.34E-04	3.30E-06	2.09E-06	7.06E-04	3.10E-06	8.99E-05	1.16E-05	2.29E-05
9.41E-07	8.30E-05	3.52E-08	4.02E-06	4.18E-05	3.47E-08	4.46E-06	1.30E-07	7.38E-07
2.15E-05	1.85E-03	7.11E-07	9.67E-05	9.74E-04	7.82E-07	1.01E-04	2.92E-06	1.67E-05
1.32E+02	2.91E+01	0.00E+00	7.65E-04	0.00E+00	2.95E+01	2.67E+00	2.29E+01	5.05E+01
0.00E+00	0.00E+00	0.00E+00	7.59E-05	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	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	4.58E-03	0.00E+00

0.00E+00	0.00E+00	0.00E+00	7.41E-06	0.00E+00	0.00E+00	0.00E+00	6.13E-07	0.00E+00
0.00E+00	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00
0.00E+00	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00
0.00E+00	0.00E+00	1.91E+00	2.25E-03	0.00E+00	1.89E-01	0.00E+00	1.96E+00	2.67E-01
0.00E+00	0.00E+00	0.00E+00	5.51E-06	0.00E+00	0.00E+00	0.00E+00	9.05E-04	0.00E+00
0.00E+00	9.27E-01	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-02	0.00E+00
1.26E+00	0.00E+00	8.25E-01	1.14E-02	0.00E+00	5.14E-01	1.88E+00	5.72E+00	1.70E-01
1.22E+02	1.28E+03	4.38E+02				5.26E+02	6.04E+01	
0.00E+00	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00
1.49E+01	2.15E+01	1.41E+01	1.56E-01	2.33E+01	1.38E+01	1.59E+01	2.07E+01	1.42E+01
5.92E-01	3.53E+00	1.41E+01	1.92E-03	9.21E+00	6.00E+00	5.10E+00	4.03E+00	9.68E-01
0.00E+00	1.06E-02	1.29E-02	3.01E-04	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00
0.00E+00	0.00E+00	0.00E+00	6.53E-07	0.00E+00	0.00E+00	0.00E+00	9.18E-05	0.00E+00
2.45E-03	0.00E+00	0.00E+00	7.75E-07	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00
2.54E+01	9.30E+02	3.73E+01	1.19E-02	1.69E+02	8.02E+01	2.74E+01	5.48E+01	4.04E+01
0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8.25E-02	1.70E-01	9.00E-02	1.12E-04	0.00E+00	1.17E+01	2.49E+01	1.06E+01	4.33E-08
0.00E+00	0.00E+00	0.00E+00	1.43E-04	1.66E-02	1.19E-03	3.14E-04	6.98E-03	0.00E+00
4.90E-01	4.07E+00	3.84E+00	1.22E-02	1.66E+01	7.76E-01	2.84E-01	3.14E-01	3.04E-03
0.00E+00	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	8.49E-06	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00
1.20E-01	0.00E+00	8.11E-01	3.73E-02	0.00E+00	3.43E-02	1.24E-03	3.92E-02	1.97E-02
1.32E+00	6.08E-02	2.37E-01	1.58E-03	0.00E+00	7.43E-03	0.00E+00	1.29E-03	2.07E+00
0.00E+00	0.00E+00	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.27E-01	2.88E+00	2.11E-01	2.53E-02	0.00E+00	7.54E-01	1.53E+00	4.14E-04	6.46E-05
4.08E+01	5.26E+02	3.69E+02	1.13E+00	4.00E+02	8.20E+02	1.01E+03	1.85E+03	8.96E+02
4.18E+02	9.82E+02	3.05E+02	1.04E+00	9.45E+02	4.55E+02	6.91E+02	1.26E+02	4.64E+02
2.49E+01	5.81E+01	2.37E+01	3.24E+00	9.18E+00	1.98E+01	1.14E+01	7.40E+00	3.39E+00
0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2.11E+01	4.39E+01	1.42E+02	3.77E-01	8.18E+02	1.29E+03	4.74E+02	4.90E+02	4.19E+02
1.65E+00	9.24E+00	1.36E+01	4.76E-02	2.64E+00	7.36E+00	9.23E+00	7.64E+00	8.26E+00
0.00E+00	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	9.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.28E+00	0.00E+00	6.27E-02	1.33E-01	0.00E+00	0.00E+00	1.81E-02	0.00E+00
9.35E-01	1.04E+01	7.85E+00	2.64E-04	2.00E+00	2.11E+00	5.10E+00	4.48E+00	4.62E+01
0.00E+00	0.00E+00	0.00E+00	7.83E-07	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00
1.62E+02	2.92E+03	8.75E+02	3.58E+01	6.21E+02	1.14E+03	1.57E+03	1.27E+03	5.73E+02
2.59E-03	1.99E-02	4.61E-02	1.13E-05	8.88E-03	4.69E-01	1.95E-02	4.61E-01	2.03E-03
6.62E+01	9.19E+01	1.33E+02	8.33E-02	2.12E+02	1.26E+02	1.58E+02	2.32E+02	6.89E+01
0.00E+00	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3.55E-07	7.62E-03	6.41E-13	2.65E-06	2.09E-03	0.00E+00	0.00E+00	3.29E-13	0.00E+00
0.00E+00	0.00E+00	0.00E+00	1.96E-07	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00
0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7.70E+01	1.15E+00	2.40E+01	1.54E-03	5.94E+01	7.95E-01	1.72E+00	1.78E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	8.49E-07	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00
0.00E+00	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9.19E-05	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00



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241-C-112				
2.58E-01				
1.50E-01				
2.11E-02				
1.88E+00				
2.55E-02				
2.22E-02				
3.66E+01				
3.66E+01				
0.00E+00				
0.00E+00				
1.92E+00				
1.24E-13				
7.64E-04				
1.66E-06				
0.00E+00				
8.29E-04				
7.22E-04				
1.87E+03				
1.98E+03				
2.25E-04				
1.96E-06				
5.93E-02				
3.21E-02				
1.60E-08				
3.11E-06				
5.66E-10				
1.89E-11				
2.53E-05				
0.00E+00				
2.38E-07				
1.63E-08				
1.35E-02				
5.97E-04				
1.76E-04				
1.37E-02				
1.28E-03				
5.05E-03				
5.43E-02				
6.83E-03				
1.54E-02				
1.27E-07				
1.97E-01				
2.15E-05				
1.96E-04				
5.67E-05				
1.15E-03				
1.62E+01				
0.00E+00				
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0.00E+00				
3.11E-02				
8.97E+00				
8.53E+01				
0.00E+00				
2.25E+01				
4.00E+00				
2.04E-01				
0.00E+00				
0.00E+00				
1.33E+01				
0.00E+00				
3.08E+01				
4.38E-03				
1.48E-01				
0.00E+00				
0.00E+00				
3.41E-02				
8.30E-03				
0.00E+00				
0.00E+00				
1.97E+01				
1.53E+03				
1.16E+03				
2.94E+01				
0.00E+00				
6.50E+02				
1.07E+01				
0.00E+00				
0.00E+00				
0.00E+00				
9.88E-03				
3.47E+00				
1.48E+00				
0.00E+00				
1.77E+03				
1.15E-02				
2.81E+02				
0.00E+00				
0.00E+00				
0.00E+00				
0.00E+00				
0.00E+00				
4.12E+01				
0.00E+00				
0.00E+00				
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Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA S-SX Total Inventory	241-S-101	241-S-102
1	Tritium	3H	Ci	4.29E+00	1.18E-01	1.04E-01
3	Carbon-14	14C	Ci	1.13E+00	7.96E-03	2.76E-02
15	Nickel-59	59Ni	Ci	3.68E-02	2.73E-04	4.84E-03
16	Nickel-63	63Ni	Ci	3.41E+00	2.52E-02	4.49E-01
17	Cobalt-60	60Co	Ci	9.53E-02	1.08E-03	4.98E-03
18	Selenium-79	79Se	Ci	6.88E-02	8.38E-04	6.02E-03
19	Strontium-90	90Sr	Ci	4.43E+02	1.71E+01	1.16E+01
20	Yttrium-90	90Y	Ci	4.43E+02	1.71E+01	1.16E+01
22	Niobium-93m	93mNb	Ci	8.59E-01	5.46E-03	6.78E-02
25	Zirconium-93	93Zr	Ci	1.12E+00	8.18E-03	9.05E-02
26	Technetium-99	99Tc	Ci	2.10E+01	2.98E-01	1.02E+00
27	Ruthenium-106	106Ru	Ci	9.76E-08	1.14E-09	1.47E-08
31	Cadmium-113m	113mCd	Ci	8.81E-01	6.61E-03	1.39E-01
34	Tin-126	126Sn	Ci	8.29E-02	1.59E-03	1.40E-02
35	Antimony-125	125Sb	Ci	5.00E-01	3.33E-04	6.16E-03
37	Iodine-129	129I	Ci	2.88E-02	5.11E-05	1.30E-03
39	Cesium-134	134Cs	Ci	1.82E-02	1.56E-04	5.08E-04
40	Barium-137m	137mBa	Ci	2.35E+04	6.11E+02	1.19E+03
41	Cesium-137	137Cs	Ci	2.49E+04	6.46E+02	1.25E+03
44	Samarium-151	151Sm	Ci	4.63E+01	6.93E-01	7.50E+00
46	Europium-152	152Eu	Ci	6.19E-03	8.60E-05	8.66E-04
47	Europium-154	154Eu	Ci	4.48E-01	6.89E-03	5.67E-02
48	Europium-155	155Eu	Ci	1.50E-01	2.17E-03	2.18E-02
58	Radium-226	226Ra	Ci	1.46E-06	1.27E-08	1.65E-07
59	Radium-228	228Ra	Ci	1.32E-04	1.05E-06	1.47E-05
60	Actinium-227	227Ac	Ci	1.76E-05	3.12E-07	3.28E-06
62	Thorium-229	229Th	Ci	8.98E-06	2.78E-09	3.37E-08
64	Thorium-232	232Th	Ci	5.75E-06	4.54E-09	2.12E-08
65	Protactinium-231	231Pa	Ci	4.48E-04	2.88E-06	3.56E-05
66	Uranium-232	232U	Ci	1.96E-04	3.13E-09	1.37E-06
67	Uranium-233	233U	Ci	3.02E-03	1.94E-07	8.45E-05
68	Uranium-234	234U	Ci	3.81E-03	1.12E-07	1.83E-04
69	Uranium-235	235U	Ci	1.61E-04	4.66E-09	7.83E-06
70	Uranium-236	236U	Ci	8.91E-05	2.74E-09	3.97E-06
71	Uranium-238	238U	Ci	3.70E-03	1.04E-07	1.84E-04
72	Neptunium-237	237Np	Ci	2.54E-02	1.01E-05	8.05E-04
74	Plutonium-238	238Pu	Ci	1.61E-01	1.70E-07	4.72E-04
75	Plutonium-239	239Pu	Ci	2.62E+00	4.84E-06	1.41E-02
76	Plutonium-240	240Pu	Ci	6.03E-01	1.05E-06	3.01E-03
77	Plutonium-241	241Pu	Ci	3.82E+00	6.80E-06	1.88E-02
78	Plutonium-242	242Pu	Ci	3.39E-05	6.48E-11	1.79E-07
80	Americium-241	241Am	Ci	4.37E-01	1.73E-05	8.96E-03
82	Americium-243	243Am	Ci	2.13E-04	1.03E-08	5.25E-06
83	Curium-242	242Cm	Ci	1.47E-02	2.97E-05	1.04E-03
84	Curium-243	243Cm	Ci	5.89E-04	1.01E-06	3.53E-05
85	Curium-244	244Cm	Ci	1.33E-02	2.32E-05	8.24E-04
97	Aluminum	7429-90-5	kg	4.98E+03	7.19E+01	2.18E+02
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	9.97E-01	2.11E-04	7.99E-02
101	Arsenic	7440-38-2	kg	4.31E-01	2.73E-05	8.10E-02
102	Barium	7440-39-3	kg	2.16E-01	1.99E-05	4.05E-02
103	Beryllium	7440-41-7	kg	2.53E-02	4.94E-05	4.05E-03
104	Bismuth	7440-69-9	kg	1.85E+00	1.20E-02	6.71E-02
105	Boron	7440-42-8	kg	7.50E-01	1.50E-02	1.80E-01
107	Cadmium	7440-43-9	kg	1.21E+00	9.81E-04	3.14E-02
108	Calcium	7440-70-2	kg	1.49E+01	1.36E-01	1.78E+00

108.5	Carbonate	CO3	kg	9.92E+03	1.07E+02	2.28E+02
109	Cerium	7440-45-1	kg	4.31E-01	1.99E-05	8.10E-02
110	Chloride	16887-00-6	kg	1.06E+03	2.06E+01	4.98E+01
111	Chromium	18540-29-9	kg	8.15E+02	1.33E+01	1.96E+00
114	Cobalt	7440-48-4	kg	1.02E-01	3.41E-05	2.75E-02
115	Copper	7440-50-8	kg	8.49E-02	8.32E-04	8.10E-03
116	Cyanide	57-12-5	kg	9.21E-04	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	2.08E+02	1.38E+00	6.71E+00
122	Hydroxide	OHDEMAND	kg	1.45E+03	1.14E+01	3.37E+02
123	Iron	7439-89-6	kg	2.59E+00	4.17E-03	4.73E-01
124	Lanthanum	7439-91-0	kg	3.61E-04	2.63E-07	2.83E-05
125	Lead	7439-92-1	kg	1.32E+00	3.11E-02	9.23E-02
126	Lithium	7439-93-2	kg	4.46E-02	1.33E-04	8.10E-03
127	Magnesium	7439-95-4	kg	4.39E-01	8.32E-03	8.10E-02
128	Manganese	7439-96-5	kg	5.69E-01	8.32E-04	4.14E-02
130	Mercury	7439-97-6	kg	8.20E-01	1.52E-02	6.46E-03
131	Molybdenum	7439-98-7	kg	9.23E-01	3.04E-02	2.78E-01
132	Neodymium	7440-00-8	kg	4.30E-01	1.99E-05	8.10E-02
133	Nickel	7440-02-0	kg	1.04E+00	6.59E-03	6.24E-02
135	Nitrate	14797-55-8	kg	8.10E+04	8.42E+02	2.49E+03
136	Nitrite	14797-65-0	kg	1.07E+04	2.91E+02	5.18E+02
137	Oxalate	338-70-5	kg	5.47E+02	1.23E+01	2.84E+01
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	2.25E+03	2.21E+01	3.24E+02
141	Potassium	7440-09-7	kg	2.58E+02	5.59E+00	1.44E+01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	1.63E-04	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	9.78E+00	1.91E-01	7.18E-01
148	Silicon	7440-21-3	kg	1.94E+02	1.02E+00	5.23E+00
149	Silver	7440-22-4	kg	1.13E-01	5.31E-05	8.10E-03
150	Sodium	7440-23-5	kg	5.37E+04	6.99E+02	1.98E+03
151	Strontium	7440-24-6	kg	2.69E-01	2.12E-02	2.34E-04
152	Sulfate	14808-79-8	kg	3.95E+03	4.02E+01	4.53E+01
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	2.64E-01	1.99E-05	0.00E+00
159	Thorium	7440-29-1	kg	1.36E-04	1.86E-08	2.29E-07
161	Titanium	7440-32-6	kg	4.39E-02	8.32E-04	8.10E-03
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	1.11E+01	3.13E-04	5.51E-01
164	Vanadium	7440-62-2	kg	2.17E-01	1.60E-03	4.05E-02
166	Yttrium	7440-65-5	kg	0.00E+00	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	2.49E-01	1.33E-04	8.10E-03
168	Zirconium	7440-67-7	kg	2.07E+00	4.48E-03	1.79E-02
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00
326	Tributyl phosphate	126-73-8	kg	0.00E+00	0.00E+00	0.00E+00

241-S-103	241-S-104	241-S-105	241-S-106	241-S-107	241-S-108	241-S-109	241-S-110	241-S-111
8.58E-02	2.60E-02	1.31E-01	1.77E-01	2.16E-01	1.82E-01	1.70E-01	1.80E-01	2.13E-01
2.35E-02	4.45E-03	3.66E-02	4.94E-02	3.56E-03	5.04E-02	4.39E-02	3.41E-02	4.02E-02
9.10E-04	1.73E-04	4.91E-04	8.67E-04	1.58E-04	6.76E-04	1.20E-02	7.77E-04	8.67E-04
8.49E-02	1.61E-02	4.58E-02	8.08E-02	1.45E-02	6.29E-02	1.12E+00	7.21E-02	8.09E-02
7.25E-03	2.13E-04	3.25E-03	1.10E-03	1.86E-03	9.25E-04	1.29E-03	3.03E-03	2.43E-03
3.61E-03	3.58E-04	4.08E-03	4.89E-03	1.12E-04	4.72E-03	4.63E-03	3.61E-03	5.32E-03
1.01E+01	1.71E+01	1.13E+01	1.77E+01	1.71E+01	1.85E+01	1.71E+01	1.74E+01	1.76E+01
1.01E+01	1.71E+01	1.13E+01	1.77E+01	1.71E+01	1.85E+01	1.71E+01	1.74E+01	1.76E+01
4.96E-02	4.00E-03	1.06E-01	5.28E-02	0.00E+00	4.40E-02	2.99E-02	4.10E-02	6.00E-02
1.08E-01	4.77E-03	9.24E-02	6.26E-02	2.49E-04	5.21E-02	5.16E-02	4.87E-02	8.56E-02
1.02E+00	1.26E-01	1.24E+00	1.61E+00	4.34E-02	1.55E+00	1.46E+00	1.15E+00	1.61E+00
7.29E-09	1.24E-09	3.22E-09	2.95E-09	9.90E-12	8.95E-10	1.36E-08	3.19E-09	1.59E-08
3.74E-02	3.79E-03	1.63E-02	1.46E-02	0.00E+00	4.15E-03	1.47E-01	1.59E-02	1.63E-01
8.82E-03	3.23E-04	3.87E-03	3.53E-03	3.57E-05	1.07E-03	2.10E-03	3.82E-03	1.04E-02
6.12E-03	4.40E-04	4.30E-02	2.06E-02	0.00E+00	2.05E-02	1.09E-02	1.37E-02	1.09E-02
1.01E-03	1.14E-04	1.22E-03	1.58E-03	2.21E-05	1.52E-03	1.43E-03	1.13E-03	1.60E-03
4.86E-04	8.53E-05	4.85E-04	7.66E-04	5.33E-05	7.51E-04	7.24E-04	5.37E-04	4.17E-04
1.14E+03	1.62E+02	2.77E+02	1.44E+03	1.73E+02	1.43E+03	1.89E+02	8.34E+02	1.11E+03
1.21E+03	1.71E+02	2.92E+02	1.52E+03	1.83E+02	1.52E+03	2.00E+02	8.82E+02	1.17E+03
4.53E+00	1.21E+00	1.70E+00	1.52E+00	6.64E-09	4.34E-01	8.11E-01	1.66E+00	4.50E+00
5.52E-04	1.80E-04	2.43E-04	2.18E-04	4.45E-13	6.20E-05	1.16E-04	2.38E-04	6.44E-04
4.43E-02	1.32E-03	1.93E-02	1.73E-02	5.46E-11	4.93E-03	9.24E-03	1.89E-02	5.12E-02
1.39E-02	3.25E-03	6.12E-03	5.48E-03	9.95E-12	1.56E-03	2.93E-03	5.99E-03	1.62E-02
7.17E-08	4.80E-09	5.30E-08	3.89E-08	8.64E-10	2.41E-08	1.38E-07	3.50E-08	1.73E-07
6.43E-06	1.33E-07	4.83E-06	3.55E-06	4.94E-08	2.19E-06	1.26E-05	3.17E-06	1.56E-05
2.02E-06	5.32E-08	8.14E-07	7.29E-07	6.38E-16	2.08E-07	3.89E-07	7.97E-07	2.16E-06
1.79E-08	5.36E-10	7.37E-09	2.94E-08	0.00E+00	2.52E-08	1.13E-08	2.20E-08	4.36E-08
6.19E-08	1.91E-09	2.53E-08	1.01E-07	0.00E+00	8.62E-08	3.85E-08	7.58E-08	1.50E-07
4.83E-05	3.56E-07	3.81E-05	3.33E-05	6.97E-08	2.91E-05	1.20E-05	2.46E-05	2.70E-05
2.82E-08	2.72E-08	1.14E-08	2.23E-06	0.00E+00	4.86E-06	1.68E-07	1.98E-06	7.81E-06
1.75E-06	1.65E-06	7.09E-07	1.38E-04	0.00E+00	3.01E-04	1.04E-05	1.21E-04	4.84E-04
9.92E-07	3.57E-06	4.48E-07	8.74E-05	0.00E+00	2.07E-04	1.98E-05	6.82E-04	3.66E-04
4.14E-08	1.45E-07	1.87E-08	3.65E-06	0.00E+00	8.66E-06	8.45E-07	2.92E-05	1.53E-05
2.43E-08	8.93E-08	1.11E-08	2.16E-06	0.00E+00	5.06E-06	4.37E-07	1.44E-05	8.81E-06
9.29E-07	3.07E-06	4.21E-07	8.22E-05	0.00E+00	1.96E-04	1.98E-05	6.87E-04	3.48E-04
6.49E-05	1.17E-04	2.83E-05	2.23E-03	0.00E+00	2.26E-03	2.11E-03	1.50E-03	2.84E-03
1.11E-04	1.49E-05	4.72E-05	6.09E-05	2.42E-05	2.27E-04	1.53E-04	4.94E-04	1.93E-04
3.73E-03	5.10E-04	4.62E-04	1.73E-03	1.00E-03	7.03E-03	7.54E-03	2.36E-02	6.81E-03
7.79E-04	1.04E-04	9.37E-05	3.77E-04	2.10E-04	1.50E-03	1.48E-03	4.67E-03	1.42E-03
4.30E-03	4.31E-04	4.03E-04	2.41E-03	1.10E-03	8.84E-03	5.06E-03	1.71E-02	7.29E-03
4.13E-08	4.10E-09	3.95E-09	2.31E-08	1.06E-08	8.51E-08	5.06E-08	1.69E-07	7.05E-08
1.56E-03	3.11E-05	1.61E-03	7.25E-03	0.00E+00	1.58E-02	2.04E-03	2.23E-02	3.33E-03
9.31E-07	1.63E-08	9.77E-07	4.39E-06	0.00E+00	9.46E-06	9.66E-07	1.08E-05	1.91E-06
1.77E-04	7.15E-06	1.67E-05	1.51E-04	3.27E-05	5.15E-04	5.21E-05	3.61E-04	5.02E-05
5.97E-06	2.77E-07	5.52E-07	5.04E-06	1.38E-06	1.72E-05	1.70E-06	1.19E-05	1.67E-06
1.39E-04	6.03E-06	1.29E-05	1.17E-04	3.13E-05	4.00E-04	3.96E-05	2.77E-04	3.89E-05
1.95E+02	2.35E+01	5.22E+01	2.31E+02	3.43E+01	2.18E+02	1.05E+02	5.96E+01	5.41E+02
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	2.92E-03	0.00E+00	1.25E-01	0.00E+00	0.00E+00	6.83E-02	7.20E-02	8.12E-02
0.00E+00	2.01E-04	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.16E-02	3.42E-02	6.30E-02
0.00E+00	1.60E-05	0.00E+00	1.74E-02	0.00E+00	0.00E+00	5.80E-03	1.71E-02	3.16E-02
0.00E+00	6.41E-05	0.00E+00	1.73E-03	0.00E+00	0.00E+00	5.77E-04	1.71E-03	3.14E-03
6.95E-02	4.73E-04	1.17E-01	2.63E-01	0.00E+00	4.13E-02	9.30E-03	2.15E-01	4.93E-02
0.00E+00	2.24E-03	0.00E+00	6.23E-02	0.00E+00	0.00E+00	2.06E-02	6.20E-02	1.34E-01
0.00E+00	3.89E-05	0.00E+00	1.73E-03	0.00E+00	0.00E+00	2.67E-02	1.71E-03	6.28E-02
2.08E-01	5.66E-03	1.09E-01	1.56E-01	1.48E-01	2.00E-01	3.45E-01	1.49E-01	6.13E-01





241-S-112	241-SX-101	241-SX-102	241-SX-103	241-SX-104	241-SX-105	241-SX-106	241-SX-107	241-SX-108
9.13E-03	3.70E-01	1.73E-01	1.93E-01	1.42E-01	1.86E-01	2.13E-01	5.16E-02	3.59E-01
5.06E-01	3.50E-02	4.34E-02	4.08E-02	1.98E-02	4.36E-02	5.75E-02	2.89E-03	2.24E-02
1.63E-03	9.78E-04	1.29E-03	8.99E-04	5.74E-04	1.24E-03	5.53E-03	2.36E-04	5.42E-04
1.49E-01	9.00E-02	1.20E-01	8.33E-02	5.29E-02	1.15E-01	5.16E-01	2.12E-02	4.79E-02
4.88E-05	2.80E-03	4.26E-03	3.41E-03	4.60E-03	4.70E-03	2.61E-02	8.67E-04	1.04E-04
2.62E-05	3.23E-03	5.30E-03	4.03E-03	1.82E-03	5.08E-03	6.70E-03	1.77E-04	1.06E-03
1.86E+01	1.82E+01	1.94E+01	1.88E+01	1.73E+01	1.86E+01	1.93E+01	1.70E+01	1.98E+01
1.86E+01	1.82E+01	1.94E+01	1.88E+01	1.73E+01	1.86E+01	1.93E+01	1.70E+01	1.98E+01
8.48E-02	3.65E-02	6.88E-02	4.57E-02	2.09E-02	6.37E-02	5.81E-02	9.90E-04	8.17E-05
1.00E-01	4.32E-02	8.20E-02	5.42E-02	2.47E-02	7.58E-02	9.01E-02	1.55E-03	0.00E+00
1.00E-02	1.12E+00	1.56E+00	1.36E+00	5.89E-01	1.57E+00	2.08E+00	6.52E-02	3.94E-01
1.33E-10	2.80E-09	7.57E-09	3.27E-09	2.00E-09	6.52E-09	6.89E-09	3.01E-10	0.00E+00
0.00E+00	1.17E-02	3.82E-02	1.53E-02	6.75E-03	3.27E-02	2.11E-01	1.07E-03	8.45E-04
3.46E-04	2.22E-03	9.07E-03	3.45E-03	8.58E-04	7.79E-03	7.63E-03	1.29E-04	3.35E-04
8.42E-02	7.02E-03	1.68E-02	1.60E-02	6.91E-02	1.79E-02	5.90E-03	1.08E-04	1.89E-06
7.55E-03	1.35E-03	1.59E-03	1.34E-03	6.54E-04	1.55E-03	2.08E-03	5.13E-05	2.76E-04
5.46E-07	6.06E-04	7.54E-04	6.47E-04	2.97E-04	6.95E-04	1.02E-03	2.16E-05	1.41E-05
4.31E+01	1.64E+03	2.57E+03	1.88E+03	7.21E+02	1.62E+03	2.22E+03	1.61E+02	2.29E+03
4.55E+01	1.74E+03	2.72E+03	1.99E+03	7.62E+02	1.71E+03	2.34E+03	1.70E+02	2.42E+03
2.38E-03	2.14E+00	4.11E+00	1.92E+00	1.80E+00	3.41E+00	4.18E+00	2.96E-01	6.98E-08
4.73E-07	2.98E-04	5.68E-04	2.77E-04	2.66E-04	4.89E-04	4.55E-04	4.41E-05	3.21E-12
7.05E-07	2.05E-02	4.53E-02	2.08E-02	1.69E-02	3.89E-02	3.67E-02	2.72E-03	1.99E-10
1.21E-06	6.77E-03	1.43E-02	6.70E-03	5.75E-03	1.23E-02	1.15E-02	9.34E-04	6.71E-11
2.63E-07	2.75E-08	7.18E-08	3.58E-08	1.48E-08	6.26E-08	2.39E-07	1.27E-09	1.07E-08
2.78E-05	1.97E-06	6.50E-06	3.11E-06	8.99E-07	5.68E-06	2.12E-05	3.32E-08	6.16E-14
3.38E-10	4.70E-07	1.94E-06	7.11E-07	1.55E-07	1.64E-06	1.78E-06	1.30E-08	6.79E-16
8.65E-06	6.71E-09	3.68E-08	2.38E-08	8.65E-09	3.36E-08	2.67E-08	1.33E-10	0.00E+00
4.71E-06	2.32E-08	1.26E-07	8.16E-08	2.97E-08	1.15E-07	9.28E-08	4.72E-10	0.00E+00
3.54E-05	1.65E-05	4.04E-05	2.67E-05	9.52E-06	3.69E-05	2.90E-05	8.67E-08	0.00E+00
1.57E-04	5.27E-06	5.03E-06	3.06E-06	1.54E-06	2.99E-06	1.61E-06	1.16E-08	0.00E+00
6.64E-04	3.25E-04	3.12E-04	1.90E-04	9.50E-05	1.85E-04	9.97E-05	6.09E-07	0.00E+00
5.73E-04	4.66E-04	2.25E-04	1.92E-04	3.60E-04	2.70E-04	5.27E-05	4.51E-05	0.00E+00
2.43E-05	1.94E-05	9.42E-06	8.09E-06	1.54E-05	1.15E-05	2.20E-06	1.94E-06	0.00E+00
1.56E-05	1.09E-05	5.42E-06	4.53E-06	7.73E-06	6.06E-06	1.28E-06	9.39E-07	0.00E+00
5.44E-04	4.37E-04	2.14E-04	1.85E-04	3.62E-04	2.67E-04	4.93E-05	4.60E-05	0.00E+00
4.60E-03	4.00E-04	1.82E-03	1.81E-03	9.18E-04	1.92E-03	1.53E-03	3.84E-05	0.00E+00
3.09E-04	5.71E-05	2.85E-04	5.07E-04	4.90E-04	1.87E-03	3.20E-03	2.82E-05	4.68E-04
1.37E-02	2.05E-03	9.40E-03	1.88E-02	2.42E-02	9.70E-02	9.16E-02	1.13E-03	2.52E-02
2.43E-03	4.18E-04	1.98E-03	3.86E-03	4.75E-03	1.89E-02	1.97E-02	2.26E-04	4.90E-03
1.26E-02	1.83E-03	1.09E-02	1.73E-02	1.58E-02	6.01E-02	1.29E-01	8.33E-04	1.47E-02
1.15E-07	1.76E-08	1.05E-07	1.68E-07	1.58E-07	6.04E-07	1.23E-06	8.11E-09	1.49E-07
1.80E-02	1.61E-01	1.12E-02	1.99E-03	1.40E-02	5.30E-02	3.26E-02	2.68E-02	0.00E+00
1.32E-06	8.53E-05	6.74E-06	1.16E-06	6.33E-06	2.31E-05	1.91E-05	1.01E-05	0.00E+00
1.01E-05	2.19E-03	1.84E-03	2.53E-03	1.78E-04	4.28E-04	2.52E-03	2.01E-06	8.50E-05
1.70E-07	7.67E-05	6.16E-05	8.52E-05	5.84E-06	1.35E-05	8.54E-05	7.16E-08	1.44E-06
4.22E-06	1.76E-03	1.44E-03	1.98E-03	1.35E-04	3.15E-04	1.99E-03	1.57E-06	3.40E-05
1.05E+02	1.09E+03	3.96E+02	1.73E+02	1.01E+02	6.33E+02	3.89E+02	3.16E+01	1.45E+02
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.50E-01	1.55E-01	1.24E-01	0.00E+00	1.38E-01	0.00E+00	0.00E+00	1.11E-03
0.00E+00	3.31E-02	7.83E-02	3.37E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.66E-02	3.92E-02	1.69E-02	0.00E+00	3.04E-02	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.65E-03	3.91E-03	1.68E-03	0.00E+00	3.03E-03	3.68E-03	0.00E+00	0.00E+00
4.14E-01	8.10E-02	9.18E-02	6.33E-02	7.89E-02	1.57E-01	3.60E-02	9.37E-03	3.14E-02
0.00E+00	1.95E-02	1.13E-01	5.41E-02	0.00E+00	8.70E-02	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.65E-03	3.91E-03	1.68E-03	0.00E+00	3.03E-03	1.07E+00	0.00E+00	8.92E-03
2.78E-01	1.94E-01	3.26E-01	2.71E-01	1.85E-01	4.75E-01	9.83E-01	6.02E-02	7.05E+00



241-SX-109	241-SX-110	241-SX-111	241-SX-112	241-SX-113	241-SX-114	241-SX-115
1.70E-01	1.52E-01	8.58E-02	7.01E-02	2.97E-03	1.83E-01	3.21E-01
7.85E-03	7.55E-03	4.33E-03	3.65E-03	1.22E-04	8.57E-03	2.21E-03
4.28E-04	9.51E-05	1.68E-04	1.29E-04	0.00E+00	7.37E-04	2.69E-04
3.94E-02	8.65E-03	1.54E-02	1.18E-02	0.00E+00	6.80E-02	2.49E-02
5.88E-04	7.40E-05	2.12E-03	1.44E-03	0.00E+00	7.19E-03	9.57E-03
7.01E-04	6.03E-04	3.25E-04	2.56E-04	8.89E-06	7.56E-04	5.12E-04
1.71E+01	9.85E+00	1.71E+01	1.71E+01	1.70E+01	1.71E+01	8.30E+00
1.71E+01	9.85E+00	1.71E+01	1.71E+01	1.70E+01	1.71E+01	8.30E+00
5.21E-05	4.44E-05	2.66E-03	1.81E-03	7.78E-06	8.53E-03	5.38E-03
1.73E-03	6.89E-03	6.40E-03	4.86E-03	5.91E-06	1.15E-02	6.95E-03
2.56E-01	2.17E-01	1.18E-01	9.30E-02	3.27E-03	2.77E-01	1.85E-01
3.49E-12	4.69E-14	8.12E-10	5.52E-10	9.08E-15	2.61E-09	3.05E-13
7.37E-04	6.04E-04	2.77E-03	1.91E-03	3.70E-05	8.66E-03	5.82E-04
2.23E-04	2.47E-05	2.25E-04	1.54E-04	3.59E-05	8.70E-04	2.45E-05
5.50E-06	4.16E-06	2.92E-04	1.99E-04	1.78E-07	9.38E-04	2.11E-01
1.73E-04	3.50E-04	1.90E-04	1.50E-04	5.40E-06	2.42E-04	2.96E-04
1.53E-04	1.50E-04	6.99E-05	4.80E-05	5.56E-09	1.75E-04	8.58E-03
2.91E+02	4.22E+02	2.99E+02	2.61E+02	1.44E+00	4.25E+02	1.12E+02
3.08E+02	4.46E+02	3.16E+02	2.76E+02	1.52E+00	4.49E+02	1.19E+02
9.19E-08	7.25E-08	8.00E-01	5.44E-01	1.09E-05	2.57E+00	4.11E-05
6.97E-12	5.33E-12	1.19E-04	8.10E-05	3.73E-07	3.82E-04	9.78E-09
4.31E-10	3.30E-10	7.34E-03	4.99E-03	2.32E-05	2.36E-02	5.95E-07
1.48E-10	1.13E-10	2.52E-03	1.72E-03	7.82E-06	8.11E-03	2.05E-07
5.37E-10	6.63E-10	3.39E-09	2.34E-09	2.00E-11	1.04E-08	5.30E-10
1.39E-08	1.48E-08	9.11E-08	6.20E-08	3.59E-09	2.88E-07	4.61E-15
1.12E-15	8.70E-16	3.51E-08	2.39E-08	3.00E-13	1.13E-07	7.47E-15
1.22E-11	7.40E-18	3.54E-10	2.41E-10	3.40E-13	1.15E-09	4.64E-22
4.29E-11	2.52E-17	1.26E-09	8.60E-10	4.62E-09	4.09E-09	7.59E-25
5.60E-10	4.21E-07	3.93E-07	2.73E-07	3.61E-11	7.53E-07	4.31E-08
3.55E-08	5.69E-15	1.79E-08	1.22E-08	1.39E-10	8.67E-08	3.39E-18
2.12E-06	3.22E-13	1.09E-06	7.43E-07	7.07E-10	5.22E-06	9.93E-18
2.64E-05	1.18E-11	2.32E-06	1.58E-06	3.53E-06	3.79E-05	4.58E-14
1.13E-06	5.08E-13	9.41E-08	6.40E-08	1.52E-07	1.60E-06	1.74E-15
5.67E-07	2.48E-13	5.83E-08	3.96E-08	7.30E-08	8.33E-07	1.33E-15
2.64E-05	1.20E-11	1.99E-06	1.36E-06	3.62E-06	3.70E-05	3.19E-14
2.99E-05	2.26E-12	7.74E-05	5.27E-05	7.80E-07	2.74E-04	1.29E-15
1.12E-05	1.36E-05	4.81E-05	3.68E-05	1.65E-05	1.32E-04	1.51E-01
4.87E-04	6.76E-04	1.54E-03	1.26E-03	8.88E-04	3.71E-03	2.27E+00
9.66E-05	1.32E-04	3.17E-04	2.58E-04	1.72E-04	7.80E-04	5.31E-01
3.35E-04	4.19E-04	1.36E-03	1.05E-03	5.18E-04	3.67E-03	3.48E+00
3.30E-09	4.19E-09	1.30E-08	1.01E-08	5.24E-09	3.44E-08	3.06E-05
2.29E-02	2.22E-09	1.30E-03	8.86E-04	2.53E-03	2.80E-02	2.26E-10
1.03E-05	8.88E-13	7.16E-07	4.87E-07	9.29E-07	1.25E-05	1.93E-13
2.67E-06	2.01E-06	4.76E-06	3.38E-06	2.39E-08	1.45E-05	2.40E-03
1.03E-07	7.13E-08	1.81E-07	1.26E-07	4.05E-10	5.72E-07	1.76E-04
2.24E-06	1.56E-06	3.97E-06	2.76E-06	9.55E-09	1.25E-05	3.71E-03
9.25E+00	2.87E+01	3.68E+01	3.56E+01	0.00E+00	4.18E+01	1.61E+01
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	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	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	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4.70E-03	1.15E-02	9.83E-03	1.01E-02	1.86E-04	5.77E-03	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	5.42E-05	0.00E+00	0.00E+00
3.87E-02	3.92E-02	5.71E-02	4.81E-02	2.00E-01	1.34E-01	7.52E-01



Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA T Total Inventory	241-T-101	241-T-102
1	Tritium	3H	Ci	1.51E+00	8.73E-01	4.38E-02
3	Carbon-14	14C	Ci	2.27E-01	2.66E-02	1.75E-01
15	Nickel-59	59Ni	Ci	1.19E-02	7.87E-03	1.20E-03
16	Nickel-63	63Ni	Ci	1.12E+00	7.39E-01	1.11E-01
17	Cobalt-60	60Co	Ci	1.50E-01	8.85E-02	2.82E-02
18	Selenium-79	79Se	Ci	4.92E-03	3.68E-03	7.69E-04
19	Strontium-90	90Sr	Ci	2.25E+02	1.15E+01	1.71E+01
20	Yttrium-90	90Y	Ci	2.25E+02	1.15E+01	1.71E+01
22	Niobium-93m	93mNb	Ci	9.76E-02	3.77E-02	3.80E-02
25	Zirconium-93	93Zr	Ci	1.20E-01	4.51E-02	4.56E-02
26	Technetium-99	99Tc	Ci	4.48E+00	8.56E-01	2.91E-01
27	Ruthenium-106	106Ru	Ci	2.37E-08	1.13E-08	8.98E-09
31	Cadmium-113m	113mCd	Ci	1.13E-01	5.18E-02	4.11E-02
34	Tin-126	126Sn	Ci	1.63E-02	1.16E-02	3.18E-03
35	Antimony-125	125Sb	Ci	1.35E-02	5.63E-03	5.31E-03
37	Iodine-129	129I	Ci	2.84E-03	1.06E-03	8.44E-04
39	Cesium-134	134Cs	Ci	4.15E-04	4.01E-04	9.22E-06
40	Barium-137m	137mBa	Ci	1.90E+03	9.31E+02	1.74E+02
41	Cesium-137	137Cs	Ci	2.01E+03	9.84E+02	1.84E+02
44	Samarium-151	151Sm	Ci	2.62E+01	9.84E+00	9.83E+00
46	Europium-152	152Eu	Ci	3.41E-03	1.09E-03	1.61E-03
47	Europium-154	154Eu	Ci	2.63E-01	7.40E-02	1.32E-01
48	Europium-155	155Eu	Ci	1.06E-01	2.76E-02	5.45E-02
58	Radium-226	226Ra	Ci	6.17E-07	1.03E-07	3.72E-08
59	Radium-228	228Ra	Ci	1.54E-04	8.57E-06	1.38E-05
60	Actinium-227	227Ac	Ci	5.51E-06	3.57E-06	2.44E-07
62	Thorium-229	229Th	Ci	9.25E-06	2.87E-08	9.23E-09
64	Thorium-232	232Th	Ci	4.21E-05	1.04E-07	2.57E-08
65	Protactinium-231	231Pa	Ci	4.08E-05	3.32E-05	5.72E-07
66	Uranium-232	232U	Ci	2.94E-05	8.71E-08	4.30E-07
67	Uranium-233	233U	Ci	1.82E-03	5.33E-06	2.74E-05
68	Uranium-234	234U	Ci	1.01E-02	9.99E-06	1.87E-05
69	Uranium-235	235U	Ci	4.46E-04	3.85E-07	7.85E-07
70	Uranium-236	236U	Ci	1.18E-04	2.72E-07	5.09E-07
71	Uranium-238	238U	Ci	1.02E-02	7.33E-06	1.75E-05
72	Neptunium-237	237Np	Ci	1.41E-03	8.51E-05	7.99E-04
74	Plutonium-238	238Pu	Ci	4.26E-03	5.26E-04	4.59E-04
75	Plutonium-239	239Pu	Ci	2.18E-01	2.00E-02	1.12E-02
76	Plutonium-240	240Pu	Ci	2.90E-02	4.37E-03	2.60E-03
77	Plutonium-241	241Pu	Ci	9.57E-02	2.52E-02	1.86E-02
78	Plutonium-242	242Pu	Ci	9.06E-07	1.98E-07	1.76E-07
80	Americium-241	241Am	Ci	4.38E-01	1.93E-02	4.74E-02
82	Americium-243	243Am	Ci	4.37E-05	8.60E-06	6.25E-06
83	Curium-242	242Cm	Ci	1.31E-04	3.32E-05	3.27E-05
84	Curium-243	243Cm	Ci	3.30E-06	1.19E-06	9.37E-07
85	Curium-244	244Cm	Ci	7.73E-05	2.76E-05	2.24E-05
97	Aluminum	7429-90-5	kg	6.69E+02	1.90E+02	2.08E+01
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	1.89E-01	0.00E+00	0.00E+00
101	Arsenic	7440-38-2	kg	0.00E+00	0.00E+00	0.00E+00
102	Barium	7440-39-3	kg	0.00E+00	0.00E+00	0.00E+00
103	Beryllium	7440-41-7	kg	1.07E-03	0.00E+00	0.00E+00
104	Bismuth	7440-69-9	kg	3.41E+01	5.58E-02	1.81E-03
105	Boron	7440-42-8	kg	0.00E+00	0.00E+00	0.00E+00
107	Cadmium	7440-43-9	kg	1.67E-01	0.00E+00	0.00E+00
108	Calcium	7440-70-2	kg	5.17E+01	1.64E+00	3.43E-01

108.5	Carbonate	CO3	kg	1.76E+03	5.14E+02	1.47E+02
109	Cerium	7440-45-1	kg	0.00E+00	0.00E+00	0.00E+00
110	Chloride	16887-00-6	kg	2.03E+02	4.41E+01	2.44E+00
111	Chromium	18540-29-9	kg	6.16E+01	1.06E+01	6.38E+00
114	Cobalt	7440-48-4	kg	4.06E-01	0.00E+00	0.00E+00
115	Copper	7440-50-8	kg	0.00E+00	0.00E+00	0.00E+00
116	Cyanide	57-12-5	kg	0.00E+00	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	9.77E+02	2.41E+01	1.38E+00
122	Hydroxide	OHDEMAND	kg	2.29E+02	1.46E+02	1.33E+01
123	Iron	7439-89-6	kg	3.17E+01	2.25E-01	5.00E-01
124	Lanthanum	7439-91-0	kg	5.56E-01	2.56E-11	0.00E+00
125	Lead	7439-92-1	kg	1.15E+01	4.74E+00	2.53E-01
126	Lithium	7439-93-2	kg	0.00E+00	0.00E+00	0.00E+00
127	Magnesium	7439-95-4	kg	0.00E+00	0.00E+00	0.00E+00
128	Manganese	7439-96-5	kg	2.62E+00	2.34E-02	5.83E-02
130	Mercury	7439-97-6	kg	1.02E-01	9.29E-03	5.52E-04
131	Molybdenum	7439-98-7	kg	0.00E+00	0.00E+00	0.00E+00
132	Neodymium	7440-00-8	kg	0.00E+00	0.00E+00	0.00E+00
133	Nickel	7440-02-0	kg	1.41E+00	7.95E-02	1.82E-01
135	Nitrate	14797-55-8	kg	1.99E+04	3.31E+03	3.44E+02
136	Nitrite	14797-65-0	kg	2.68E+03	4.33E+02	7.36E+01
137	Oxalate	338-70-5	kg	3.23E+02	1.24E+01	2.11E+00
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	9.61E+03	1.01E+02	1.96E+01
141	Potassium	7440-09-7	kg	1.19E+02	1.80E+01	1.05E+00
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	1.24E+00	0.00E+00	0.00E+00
148	Silicon	7440-21-3	kg	1.90E+02	5.90E-01	6.57E-01
149	Silver	7440-22-4	kg	0.00E+00	0.00E+00	0.00E+00
150	Sodium	7440-23-5	kg	1.78E+04	1.81E+03	3.04E+02
151	Strontium	7440-24-6	kg	1.77E+01	5.93E-03	1.80E-03
152	Sulfate	14808-79-8	kg	1.42E+03	2.20E+02	4.37E+01
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	0.00E+00	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	2.77E-04	1.01E-06	0.00E+00
161	Titanium	7440-32-6	kg	0.00E+00	0.00E+00	0.00E+00
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	3.05E+01	2.20E-02	5.26E-02
164	Vanadium	7440-62-2	kg	0.00E+00	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	0.00E+00	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	4.58E-03	0.00E+00	0.00E+00
168	Zirconium	7440-67-7	kg	4.07E-01	8.67E-04	0.00E+00
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00
326	Tributyl phosphate	126-73-8	kg	0.00E+00	0.00E+00	0.00E+00

241-T-103	241-T-104	241-T-105	241-T-106	241-T-107	241-T-108	241-T-109	241-T-110	241-T-111
1.18E-01	7.18E-03	2.32E-02	3.70E-01	2.51E-02	2.23E-02	2.58E-02	7.40E-06	3.67E-06
6.29E-03	1.32E-03	2.18E-03	3.26E-03	8.16E-03	2.76E-03	1.77E-03	3.35E-05	1.88E-05
1.67E-03	0.00E+00	4.48E-06	5.89E-04	1.18E-05	1.30E-04	4.06E-04	2.53E-07	2.67E-05
1.57E-01	0.00E+00	4.29E-04	5.56E-02	1.14E-03	1.31E-02	4.09E-02	2.14E-05	2.79E-03
1.37E-02	0.00E+00	4.68E-03	1.35E-02	1.51E-05	4.72E-04	7.76E-04	4.34E-07	1.85E-07
2.98E-04	2.43E-05	1.79E-06	8.10E-06	3.68E-05	3.77E-05	6.67E-05	2.21E-06	1.27E-06
1.71E+01	2.39E+01	1.99E+01	1.71E+01	4.84E+01	1.70E+01	8.23E+00	1.08E+00	4.35E+01
1.71E+01	2.39E+01	1.99E+01	1.71E+01	4.84E+01	1.70E+01	8.23E+00	1.08E+00	4.35E+01
1.47E-02	2.49E-04	3.28E-06	5.98E-05	1.31E-03	1.90E-03	3.40E-03	2.00E-05	4.77E-06
1.76E-02	1.15E-03	0.00E+00	5.46E-05	4.47E-03	2.11E-03	3.54E-03	1.75E-04	1.34E-04
9.83E-02	1.87E-02	5.53E-01	9.24E-02	2.16E+00	1.61E-01	1.81E-02	2.05E-05	2.34E-01
3.46E-09	8.41E-15	7.99E-17	3.38E-15	1.48E-12	2.00E-13	3.10E-13	8.18E-16	7.52E-16
1.66E-02	0.00E+00	1.93E-04	5.20E-04	9.93E-04	8.89E-04	1.17E-03	2.97E-06	1.53E-06
1.23E-03	0.00E+00	6.62E-07	6.38E-07	1.96E-05	8.66E-05	1.45E-04	2.24E-07	9.47E-08
2.05E-03	1.31E-07	4.86E-04	2.12E-07	1.05E-06	9.91E-06	1.85E-05	9.67E-09	3.94E-09
5.98E-04	9.77E-06	4.58E-07	3.69E-06	2.66E-04	2.53E-05	2.48E-05	4.19E-09	1.99E-09
3.96E-06	1.39E-09	1.57E-08	2.18E-07	5.92E-07	8.92E-08	1.59E-07	4.87E-11	1.99E-11
1.39E+01	5.35E-01	1.17E+02	5.89E+01	5.07E+02	5.20E+01	4.57E+01	1.73E-01	9.57E-01
1.47E+01	5.66E-01	1.23E+02	6.22E+01	5.36E+02	5.50E+01	4.83E+01	1.82E-01	1.01E+00
3.79E+00	5.77E-05	8.73E-06	0.00E+00	1.55E-04	1.02E+00	1.64E+00	4.72E-03	9.22E-04
6.20E-04	7.14E-07	1.10E-07	6.65E-07	1.98E-06	3.11E-05	4.93E-05	3.23E-08	2.99E-08
4.21E-02	4.65E-04	8.31E-03	4.32E-05	1.34E-04	2.18E-03	3.45E-03	2.07E-06	2.08E-06
1.60E-02	2.41E-04	4.36E-03	1.78E-05	5.87E-05	1.05E-03	1.66E-03	3.29E-06	9.97E-07
1.43E-08	3.34E-08	1.02E-09	4.34E-10	1.25E-07	1.11E-07	1.89E-07	4.44E-10	1.74E-10
1.05E-05	3.76E-13	2.07E-10	5.11E-11	1.21E-04	5.82E-13	9.93E-13	1.03E-14	6.68E-15
9.41E-08	1.36E-10	2.35E-11	0.00E+00	6.50E-09	5.94E-07	9.54E-07	3.82E-09	6.18E-10
4.88E-08	3.09E-12	1.47E-11	8.53E-15	9.16E-06	2.26E-10	1.48E-10	1.09E-12	0.00E+00
2.16E-07	2.60E-14	1.46E-09	1.10E-12	4.18E-05	1.90E-12	1.24E-12	9.10E-15	0.00E+00
2.23E-07	2.85E-07	0.00E+00	9.23E-10	1.25E-06	1.55E-06	2.48E-06	4.72E-07	3.57E-07
2.76E-07	8.75E-10	9.72E-09	1.01E-10	2.85E-05	5.47E-08	1.31E-09	3.57E-12	0.00E+00
1.74E-05	7.29E-11	6.24E-10	3.96E-12	1.77E-03	4.53E-09	1.08E-10	3.13E-13	0.00E+00
1.21E-05	9.72E-05	7.99E-04	2.43E-06	4.43E-03	4.29E-03	1.01E-04	3.63E-07	0.00E+00
5.13E-07	3.14E-06	3.32E-05	9.64E-08	1.97E-04	1.92E-04	4.51E-06	1.63E-08	0.00E+00
2.74E-07	9.38E-07	8.36E-06	5.89E-08	5.29E-05	4.92E-05	1.18E-06	3.49E-09	0.00E+00
1.16E-05	7.18E-05	7.50E-04	1.91E-06	4.49E-03	4.38E-03	1.03E-04	3.69E-07	0.00E+00
3.08E-04	3.40E-07	1.33E-06	2.30E-09	5.38E-06	1.10E-04	9.92E-05	3.22E-06	0.00E+00
2.21E-04	1.31E-06	1.96E-03	3.86E-05	3.28E-04	1.06E-04	1.50E-04	7.23E-05	1.20E-04
5.52E-03	1.01E-04	3.31E-02	3.20E-03	4.21E-02	1.44E-02	2.02E-02	1.08E-02	2.41E-02
1.28E-03	1.22E-05	3.52E-03	4.78E-04	4.82E-03	1.62E-03	2.29E-03	1.13E-03	2.79E-03
9.10E-03	4.10E-05	9.94E-03	1.44E-03	1.02E-02	2.82E-03	3.99E-03	1.86E-03	4.99E-03
8.55E-08	6.02E-10	1.75E-07	1.23E-08	8.36E-08	2.35E-08	3.32E-08	1.49E-08	4.12E-08
6.84E-03	4.34E-03	1.97E-01	2.32E-03	1.02E-01	5.18E-02	5.22E-03	7.41E-04	0.00E+00
3.76E-06	4.27E-07	7.25E-06	8.52E-08	1.10E-05	5.38E-06	6.88E-07	6.46E-08	0.00E+00
2.48E-05	8.80E-07	1.85E-07	4.12E-07	2.88E-05	4.07E-06	1.18E-06	4.97E-07	3.35E-06
7.12E-07	9.83E-09	2.89E-09	5.14E-09	3.28E-07	4.54E-08	1.32E-08	5.48E-09	3.91E-08
1.70E-05	2.21E-07	6.72E-08	1.17E-07	7.45E-06	1.02E-06	2.96E-07	1.23E-07	8.78E-07
9.82E+01	4.81E+00	1.62E+02	9.16E+01	6.85E+01	1.64E+01	1.50E+01	0.00E+00	2.65E-01
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.01E-02	0.00E+00	0.00E+00	1.71E-01	0.00E+00	0.00E+00	0.00E+00	8.55E-03
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	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	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
9.19E-04	4.94E+00	1.11E+00	3.35E-02	8.71E+00	2.00E-01	3.40E-01	7.50E+00	7.44E+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	1.95E-02	0.00E+00	8.68E-02	0.00E+00	0.00E+00	0.00E+00	1.02E-02
1.58E-01	1.18E+01	2.05E+00	4.06E-01	3.12E+01	3.13E-01	1.05E+00	6.91E-01	1.85E+00





241-T-112

4.22E-06  
1.74E-05  
2.73E-06  
2.36E-04  
6.44E-06  
8.67E-07  
3.39E-02  
3.39E-02  
2.52E-04  
3.13E-04  
9.62E-06  
4.67E-14  
1.39E-05  
1.83E-06  
2.56E-07  
8.03E-10  
6.54E-11  
2.47E-02  
2.61E-02  
9.36E-02  
3.92E-06  
2.64E-04  
1.19E-04  
1.75E-09  
6.00E-14  
4.36E-08  
1.99E-11  
1.68E-13  
4.48E-07  
4.84E-09  
3.91E-10  
3.27E-04  
1.45E-05  
4.44E-06  
3.33E-04  
2.32E-06  
2.72E-04  
3.33E-02  
4.04E-03  
7.47E-03  
6.21E-08  
1.06E-03  
1.59E-07  
8.97E-07  
1.02E-08  
2.30E-07  
1.09E+00  
0.00E+00  
0.00E+00  
0.00E+00  
0.00E+00  
1.07E-03  
3.76E+00  
0.00E+00  
5.06E-02  
2.09E-01



Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA TX-TY Total Inventory	241-TX-101	241-TX-102
1	Tritium	3H	Ci	4.38E+00	3.92E-01	2.38E-01
3	Carbon-14	14C	Ci	6.01E-01	3.10E-02	3.60E-02
15	Nickel-59	59Ni	Ci	4.50E-01	3.32E-03	3.22E-02
16	Nickel-63	63Ni	Ci	4.22E+01	3.03E-01	3.02E+00
17	Cobalt-60	60Co	Ci	6.15E-01	7.02E-03	4.99E-02
18	Selenium-79	79Se	Ci	7.14E-02	2.83E-03	5.21E-03
19	Strontium-90	90Sr	Ci	4.05E+02	1.83E+01	1.96E+01
20	Yttrium-90	90Y	Ci	4.05E+02	1.83E+01	1.96E+01
22	Niobium-93m	93mNb	Ci	6.40E-01	1.86E-02	5.51E-02
25	Zirconium-93	93Zr	Ci	1.06E+00	2.67E-02	7.80E-02
26	Technetium-99	99Tc	Ci	1.30E+01	8.36E-01	8.48E-01
27	Ruthenium-106	106Ru	Ci	1.78E-07	5.63E-09	1.66E-08
31	Cadmium-113m	113mCd	Ci	2.05E+00	2.22E-02	1.50E-01
34	Tin-126	126Sn	Ci	1.15E-01	6.32E-03	1.20E-02
35	Antimony-125	125Sb	Ci	9.40E-02	2.77E-03	8.21E-03
37	Iodine-129	129I	Ci	2.33E-02	6.03E-04	1.62E-03
39	Cesium-134	134Cs	Ci	8.33E-03	2.32E-04	6.07E-04
40	Barium-137m	137mBa	Ci	1.80E+04	1.69E+03	1.30E+03
41	Cesium-137	137Cs	Ci	1.91E+04	1.78E+03	1.37E+03
44	Samarium-151	151Sm	Ci	9.80E+01	4.91E+00	1.01E+01
46	Europium-152	152Eu	Ci	8.57E-03	4.25E-04	8.74E-04
47	Europium-154	154Eu	Ci	5.79E-01	2.88E-02	5.92E-02
48	Europium-155	155Eu	Ci	2.15E-01	1.07E-02	2.20E-02
58	Radium-226	226Ra	Ci	3.73E-06	5.37E-08	2.76E-07
59	Radium-228	228Ra	Ci	2.78E-04	4.28E-06	2.23E-05
60	Actinium-227	227Ac	Ci	3.50E-05	1.78E-06	3.66E-06
62	Thorium-229	229Th	Ci	4.06E-07	1.44E-08	3.87E-08
64	Thorium-232	232Th	Ci	1.47E-06	5.20E-08	1.40E-07
65	Protactinium-231	231Pa	Ci	5.81E-04	1.65E-05	4.55E-05
66	Uranium-232	232U	Ci	7.79E-05	7.71E-07	5.29E-06
67	Uranium-233	233U	Ci	4.78E-03	4.55E-05	3.25E-04
68	Uranium-234	234U	Ci	5.16E-03	1.45E-03	4.88E-04
69	Uranium-235	235U	Ci	2.24E-04	6.35E-05	2.13E-05
70	Uranium-236	236U	Ci	8.76E-05	2.29E-05	7.68E-06
71	Uranium-238	238U	Ci	5.09E-03	1.48E-03	4.87E-04
72	Neptunium-237	237Np	Ci	1.52E-02	1.56E-04	1.08E-03
74	Plutonium-238	238Pu	Ci	1.03E-01	3.79E-04	1.68E-03
75	Plutonium-239	239Pu	Ci	3.40E+00	1.14E-02	4.76E-02
76	Plutonium-240	240Pu	Ci	6.47E-01	2.43E-03	9.99E-03
77	Plutonium-241	241Pu	Ci	4.27E+00	1.76E-02	7.08E-02
78	Plutonium-242	242Pu	Ci	3.96E-05	1.40E-07	6.60E-07
80	Americium-241	241Am	Ci	2.15E+00	5.40E-01	3.60E-02
82	Americium-243	243Am	Ci	9.65E-04	1.09E-04	1.97E-05
83	Curium-242	242Cm	Ci	2.23E-02	1.92E-05	4.81E-04
84	Curium-243	243Cm	Ci	7.97E-04	6.22E-07	1.72E-05
85	Curium-244	244Cm	Ci	1.84E-02	1.44E-05	3.99E-04
97	Aluminum	7429-90-5	kg	8.29E+03	3.82E+03	1.96E+02
98	Ammonia	7664-41-7	kg	0.00E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	1.96E-01	0.00E+00	0.00E+00
101	Arsenic	7440-38-2	kg	1.63E-01	0.00E+00	0.00E+00
102	Barium	7440-39-3	kg	8.18E-02	0.00E+00	0.00E+00
103	Beryllium	7440-41-7	kg	8.15E-03	0.00E+00	0.00E+00
104	Bismuth	7440-69-9	kg	2.25E+00	1.23E-01	5.79E-02
105	Boron	7440-42-8	kg	1.34E-01	0.00E+00	0.00E+00
107	Cadmium	7440-43-9	kg	1.22E-01	0.00E+00	0.00E+00
108	Calcium	7440-70-2	kg	3.85E+01	8.55E-01	9.53E-01

108.5	Carbonate	CO3	kg	1.25E+04	5.30E+02	8.82E+02
109	Cerium	7440-45-1	kg	1.63E-01	0.00E+00	0.00E+00
110	Chloride	16887-00-6	kg	1.08E+03	8.17E+01	6.53E+01
111	Chromium	18540-29-9	kg	3.75E+02	3.59E+01	2.02E+01
114	Cobalt	7440-48-4	kg	6.83E-02	0.00E+00	0.00E+00
115	Copper	7440-50-8	kg	1.63E-02	0.00E+00	0.00E+00
116	Cyanide	57-12-5	kg	0.00E+00	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	1.67E+03	1.79E+01	4.48E+01
122	Hydroxide	OHDEMAND	kg	1.71E+03	1.07E+02	2.30E+02
123	Iron	7439-89-6	kg	3.92E+01	6.77E-02	1.47E+00
124	Lanthanum	7439-91-0	kg	6.54E-03	1.28E-11	2.65E-11
125	Lead	7439-92-1	kg	2.09E+00	2.19E-01	1.34E-01
126	Lithium	7439-93-2	kg	1.63E-02	0.00E+00	0.00E+00
127	Magnesium	7439-95-4	kg	1.63E-01	0.00E+00	0.00E+00
128	Manganese	7439-96-5	kg	2.00E+00	6.92E-02	7.48E-02
130	Mercury	7439-97-6	kg	1.34E+00	2.60E-01	8.24E-03
131	Molybdenum	7439-98-7	kg	1.74E-01	0.00E+00	0.00E+00
132	Neodymium	7440-00-8	kg	1.63E-01	0.00E+00	0.00E+00
133	Nickel	7440-02-0	kg	3.55E+00	1.19E-01	1.85E-01
135	Nitrate	14797-55-8	kg	1.19E+05	4.78E+03	6.12E+03
136	Nitrite	14797-65-0	kg	9.78E+03	1.06E+03	6.16E+02
137	Oxalate	338-70-5	kg	4.25E+02	3.19E+01	1.97E+01
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	1.09E+04	1.89E+02	2.11E+02
141	Potassium	7440-09-7	kg	4.23E+02	2.01E+01	3.03E+01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	2.48E+00	0.00E+00	0.00E+00
148	Silicon	7440-21-3	kg	2.84E+02	7.98E+00	1.03E+00
149	Silver	7440-22-4	kg	4.08E-02	0.00E+00	0.00E+00
150	Sodium	7440-23-5	kg	6.90E+04	3.11E+03	3.52E+03
151	Strontium	7440-24-6	kg	1.98E+00	1.31E-02	7.28E-03
152	Sulfate	14808-79-8	kg	7.51E+03	1.89E+02	4.06E+02
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	0.00E+00	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	1.82E-05	5.10E-07	1.64E-06
161	Titanium	7440-32-6	kg	1.63E-02	0.00E+00	0.00E+00
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	1.53E+01	4.43E+00	1.46E+00
164	Vanadium	7440-62-2	kg	8.18E-02	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	0.00E+00	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	1.63E-02	0.00E+00	0.00E+00
168	Zirconium	7440-67-7	kg	2.74E+00	6.52E-02	4.10E-02
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00
326	Tributyl phosphate	126-73-8	kg	0.00E+00	0.00E+00	0.00E+00

241-TX-103	241-TX-104	241-TX-105	241-TX-106	241-TX-107	241-TX-108	241-TX-109	241-TX-110	241-TX-111
2.39E-01	2.67E-01	2.58E-01	2.35E-01	3.42E-01	2.47E-01	1.34E-02	2.54E-01	2.51E-01
3.60E-02	2.77E-02	3.84E-02	3.70E-02	3.33E-02	3.69E-02	8.15E-03	3.79E-02	3.75E-02
3.20E-02	2.71E-02	3.34E-02	3.17E-03	2.74E-02	3.23E-02	2.61E-06	3.26E-02	3.21E-02
3.00E+00	2.49E+00	3.13E+00	2.97E-01	2.57E+00	3.03E+00	3.62E-04	3.06E+00	3.01E+00
4.84E-02	3.43E-02	4.72E-02	1.06E-02	4.69E-02	4.73E-02	1.66E-05	4.54E-02	4.42E-02
4.84E-03	4.91E-03	4.14E-03	4.70E-03	4.92E-03	4.46E-03	4.54E-05	3.82E-03	3.65E-03
1.39E+01	1.79E+01	1.92E+01	1.93E+01	1.89E+01	1.93E+01	1.70E+01	1.90E+01	1.89E+01
1.39E+01	1.79E+01	1.92E+01	1.93E+01	1.89E+01	1.93E+01	1.70E+01	1.90E+01	1.89E+01
4.80E-02	6.61E-02	3.09E-02	4.67E-02	6.02E-02	3.94E-02	6.51E-05	2.58E-02	2.31E-02
6.95E-02	8.66E-02	5.00E-02	1.21E-01	8.25E-02	5.96E-02	1.89E-02	4.38E-02	4.05E-02
7.62E-01	9.22E-01	5.70E-01	1.40E+00	8.56E-01	6.64E-01	8.61E-01	5.14E-01	4.83E-01
1.44E-08	1.93E-08	9.24E-09	8.58E-09	1.82E-08	1.18E-08	1.77E-19	7.62E-09	6.77E-09
1.42E-01	1.23E-01	1.31E-01	1.37E-01	1.41E-01	1.36E-01	3.79E-04	1.24E-01	1.19E-01
9.71E-03	1.73E-02	4.02E-03	8.81E-03	1.22E-02	6.92E-03	1.81E-07	2.45E-03	1.65E-03
7.15E-03	9.55E-03	4.61E-03	6.96E-03	8.52E-03	5.88E-03	3.41E-08	3.82E-03	3.40E-03
1.55E-03	1.49E-03	1.43E-03	1.49E-03	1.69E-03	1.48E-03	1.82E-05	1.35E-03	1.31E-03
5.70E-04	5.01E-04	5.04E-04	7.04E-04	6.58E-04	5.33E-04	2.10E-08	4.70E-04	4.51E-04
1.19E+03	1.73E+03	9.65E+02	1.43E+03	1.42E+03	1.08E+03	5.32E+02	8.90E+02	8.48E+02
1.26E+03	1.83E+03	1.02E+03	1.51E+03	1.51E+03	1.14E+03	5.62E+02	9.41E+02	8.96E+02
8.19E+00	1.47E+01	3.26E+00	7.49E+00	1.23E+01	5.76E+00	1.07E-04	1.92E+00	1.23E+00
7.07E-04	1.27E-03	2.82E-04	6.48E-04	1.22E-03	4.99E-04	1.33E-06	1.66E-04	1.07E-04
4.79E-02	8.63E-02	1.91E-02	4.39E-02	8.05E-02	3.38E-02	8.96E-05	1.13E-02	7.22E-03
1.78E-02	3.21E-02	7.12E-03	1.63E-02	2.93E-02	1.26E-02	3.87E-05	4.19E-03	2.69E-03
2.54E-07	2.40E-07	2.25E-07	1.02E-07	2.38E-07	2.47E-07	7.78E-09	2.00E-07	1.93E-07
2.08E-05	1.92E-05	1.78E-05	8.42E-06	1.86E-05	1.91E-05	8.73E-14	1.64E-05	1.57E-05
2.98E-06	5.33E-06	1.18E-06	2.72E-06	3.64E-06	2.09E-06	2.52E-10	6.97E-07	4.46E-07
3.32E-08	4.74E-08	1.97E-08	2.18E-08	3.63E-08	2.65E-08	0.00E+00	1.56E-08	1.35E-08
1.20E-07	1.71E-07	7.10E-08	7.87E-08	1.31E-07	9.54E-08	0.00E+00	5.63E-08	4.87E-08
3.92E-05	5.51E-05	2.36E-05	9.03E-05	4.18E-05	3.14E-05	4.68E-06	1.89E-05	1.65E-05
5.31E-06	7.93E-06	5.72E-06	6.58E-06	3.87E-06	5.45E-06	0.00E+00	5.61E-06	5.54E-06
3.26E-04	4.87E-04	3.51E-04	4.05E-06	2.37E-04	3.34E-04	0.00E+00	3.45E-04	3.40E-04
1.10E-04	1.93E-04	6.61E-04	1.66E-06	9.15E-05	8.14E-04	0.00E+00	1.32E-04	1.39E-04
4.58E-06	8.08E-06	2.89E-05	6.97E-08	3.78E-06	3.57E-05	0.00E+00	5.52E-06	5.87E-06
2.54E-06	4.42E-06	1.01E-05	3.57E-08	2.16E-06	1.20E-05	0.00E+00	2.85E-06	2.92E-06
1.00E-04	1.79E-04	6.62E-04	1.55E-06	8.23E-05	8.19E-04	0.00E+00	1.21E-04	1.29E-04
1.07E-03	8.32E-04	1.11E-03	6.47E-05	1.18E-03	1.08E-03	0.00E+00	1.08E-03	1.06E-03
1.69E-03	3.34E-03	1.82E-03	9.87E-04	1.81E-02	1.73E-03	5.42E-05	1.82E-03	1.81E-03
4.86E-02	1.13E-01	5.17E-02	2.91E-02	5.13E-01	4.94E-02	7.71E-03	5.47E-02	5.61E-02
1.01E-02	2.31E-02	1.08E-02	6.07E-03	1.08E-01	1.03E-02	8.39E-04	1.11E-02	1.12E-02
7.13E-02	1.33E-01	7.69E-02	4.13E-02	7.60E-01	7.32E-02	1.41E-03	7.64E-02	7.59E-02
6.65E-07	1.26E-06	7.17E-07	3.86E-07	7.09E-06	6.83E-07	1.17E-08	7.12E-07	7.06E-07
3.55E-02	8.91E-02	3.56E-02	3.82E-03	3.44E-01	3.52E-02	0.00E+00	3.47E-02	3.40E-02
1.93E-05	4.74E-05	1.94E-05	2.09E-06	1.87E-04	1.91E-05	0.00E+00	1.88E-05	1.84E-05
4.81E-04	8.30E-04	5.12E-04	2.40E-04	5.02E-03	4.91E-04	1.71E-05	5.04E-04	4.97E-04
1.72E-05	2.97E-05	1.84E-05	8.60E-06	1.80E-04	1.76E-05	1.91E-07	1.80E-05	1.78E-05
3.99E-04	6.87E-04	4.25E-04	1.99E-04	4.17E-03	4.07E-04	4.29E-06	4.17E-04	4.12E-04
1.84E+02	2.11E+03	1.62E+02	2.06E+02	3.83E+02	1.72E+02	1.11E+01	1.51E+02	1.45E+02
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	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	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	8.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.34E-02	8.88E-02	1.93E-02	9.96E-02	5.55E-02	3.39E-02	8.35E-01	5.70E-02	7.67E-02
0.00E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	7.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8.51E-01	2.15E+00	9.92E-01	3.09E-01	7.91E-01	1.30E+00	1.13E+00	1.05E+00	1.17E+00



241-TX-112	241-TX-113	241-TX-114	241-TX-115	241-TX-116	241-TX-117	241-TX-118	241-TY-101	241-TY-102
2.52E-01	2.47E-01	2.39E-01	2.58E-01	1.15E-01	1.64E-01	1.85E-01	1.26E-03	1.32E-01
3.73E-02	3.69E-02	3.51E-02	3.83E-02	1.64E-02	2.35E-02	2.81E-02	7.06E-04	8.46E-03
3.24E-02	3.15E-02	3.03E-02	3.34E-02	1.38E-02	2.02E-02	2.54E-02	1.82E-05	7.12E-03
3.04E+00	2.95E+00	2.84E+00	3.13E+00	1.29E+00	1.90E+00	2.38E+00	1.65E-03	6.69E-01
4.55E-02	8.99E-03	4.15E-02	4.72E-02	1.82E-02	2.69E-02	3.50E-02	3.75E-06	8.56E-03
3.92E-03	3.45E-03	3.40E-03	4.15E-03	2.48E-03	2.14E-03	4.38E-03	6.72E-06	3.23E-03
1.36E+01	1.71E+01	1.37E+01	1.92E+01	5.98E+00	9.34E+00	2.17E+01	1.71E+01	1.72E+01
1.36E+01	1.71E+01	1.37E+01	1.92E+01	5.98E+00	9.34E+00	2.17E+01	1.71E+01	1.72E+01
2.79E-02	2.00E-02	2.09E-02	3.11E-02	1.05E-02	1.17E-02	4.91E-02	3.22E-05	4.61E-02
4.61E-02	3.66E-02	3.69E-02	5.02E-02	1.93E-02	2.20E-02	6.81E-02	8.41E-04	8.04E-02
5.28E-01	4.42E-01	4.30E-01	5.71E-01	2.61E-01	2.58E-01	7.36E-01	1.25E-02	3.72E-01
8.31E-09	5.82E-09	6.11E-09	9.28E-09	7.74E-14	3.34E-09	1.48E-08	2.78E-15	9.13E-09
1.25E-01	1.15E-01	1.12E-01	1.31E-01	6.08E-02	7.16E-02	1.23E-01	3.87E-05	7.64E-02
3.21E-03	7.53E-04	1.29E-03	4.06E-03	2.16E-04	1.45E-04	1.12E-02	1.02E-06	1.00E-02
4.16E-03	2.93E-03	3.07E-03	4.63E-03	1.43E-03	1.69E-03	7.32E-03	4.02E-08	6.68E-03
1.37E-03	1.26E-03	1.23E-03	1.43E-03	7.63E-04	7.91E-04	1.34E-03	4.03E-06	5.17E-04
4.79E-04	4.30E-04	4.20E-04	5.04E-04	7.07E-05	2.66E-04	5.06E-04	4.56E-08	3.79E-04
9.06E+02	9.48E+01	7.70E+02	9.68E+02	1.25E+02	4.82E+02	8.41E+02	2.70E-01	4.98E+02
9.58E+02	1.00E+02	8.14E+02	1.02E+03	1.32E+02	5.10E+02	8.89E+02	2.85E-01	5.26E+02
2.61E+00	4.67E-01	1.05E+00	3.30E+00	4.10E-01	1.51E-01	9.51E+00	4.00E-03	8.53E+00
2.24E-04	4.04E-05	8.37E-05	2.86E-04	1.22E-05	4.48E-06	8.23E-04	2.17E-07	7.05E-04
1.52E-02	2.74E-03	5.68E-03	1.94E-02	8.99E-04	3.14E-04	5.58E-02	1.81E-05	4.79E-02
5.65E-03	1.02E-03	2.14E-03	7.21E-03	4.11E-04	1.51E-04	2.08E-02	1.33E-05	1.79E-02
2.09E-07	1.83E-07	1.97E-07	2.15E-07	1.81E-07	1.58E-07	2.25E-07	5.63E-10	2.59E-07
1.68E-05	1.48E-05	1.46E-05	1.78E-05	7.68E-06	9.11E-06	1.88E-05	3.39E-15	1.37E-05
9.54E-07	1.69E-07	4.10E-07	1.20E-06	2.38E-07	8.75E-08	3.45E-06	2.35E-09	3.22E-06
1.74E-08	1.11E-08	1.20E-08	1.98E-08	5.25E-09	6.19E-09	3.50E-08	6.89E-13	2.61E-08
6.28E-08	4.01E-08	4.34E-08	7.14E-08	1.88E-08	2.23E-08	1.26E-07	5.95E-15	9.41E-08
2.10E-05	1.37E-05	1.49E-05	2.37E-05	7.20E-06	7.97E-06	4.10E-05	2.30E-08	6.00E-05
5.56E-06	1.07E-06	5.22E-06	5.70E-06	2.25E-06	3.45E-06	5.99E-06	1.20E-10	1.27E-06
3.41E-04	6.54E-05	3.21E-04	3.50E-04	1.38E-04	2.12E-04	3.68E-04	9.52E-12	7.79E-05
1.17E-04	4.81E-05	1.20E-04	1.36E-04	1.00E-04	1.12E-04	1.21E-04	1.09E-05	5.57E-05
4.87E-06	2.08E-06	5.02E-06	5.70E-06	4.34E-06	4.81E-06	5.04E-06	4.90E-07	2.41E-06
2.67E-06	7.99E-07	2.63E-06	2.92E-06	1.70E-06	2.13E-06	2.83E-06	1.10E-07	9.51E-07
1.07E-04	4.66E-05	1.10E-04	1.25E-04	9.73E-05	1.07E-04	1.10E-04	1.11E-05	5.39E-05
1.08E-03	1.04E-03	1.01E-03	1.11E-03	4.69E-04	6.71E-04	8.53E-04	2.90E-07	2.32E-04
1.78E-03	8.74E-05	1.69E-03	1.82E-03	8.04E-04	1.18E-03	5.31E-02	2.19E-05	9.28E-05
5.14E-02	7.12E-03	5.11E-02	5.17E-02	3.20E-02	4.13E-02	1.51E+00	4.35E-03	8.18E-03
1.07E-02	9.09E-04	1.04E-02	1.08E-02	5.59E-03	7.70E-03	3.16E-01	3.70E-04	1.04E-03
7.51E-02	3.03E-03	7.12E-02	7.68E-02	3.26E-02	4.85E-02	2.24E+00	5.32E-04	3.10E-03
7.00E-07	2.72E-08	6.63E-07	7.16E-07	3.02E-07	4.50E-07	2.09E-05	3.41E-09	2.75E-08
3.45E-02	1.41E-03	3.21E-02	3.56E-02	1.38E-02	2.11E-02	7.64E-01	1.96E-04	2.21E-02
1.87E-05	6.29E-07	1.73E-05	1.94E-05	7.36E-06	1.13E-05	4.15E-04	2.36E-08	1.12E-05
4.98E-04	1.50E-05	4.67E-04	5.12E-04	3.65E-05	3.08E-04	1.13E-02	1.33E-08	1.24E-05
1.79E-05	5.04E-07	1.67E-05	1.83E-05	1.31E-06	1.10E-05	4.05E-04	1.39E-10	4.37E-07
4.13E-04	1.17E-05	3.87E-04	4.25E-04	3.02E-05	2.55E-04	9.38E-03	3.15E-09	1.01E-05
1.55E+02	3.06E+01	1.53E+01	1.63E+02	1.10E+02	9.33E+01	8.79E+01	2.23E+01	5.57E+01
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	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	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
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	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	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
2.27E-02	7.11E-02	3.65E-02	1.98E-02	9.48E-03	3.47E-02	5.84E-02	2.64E-02	2.67E-01
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-03	0.00E+00
8.46E-01	8.30E-01	8.87E-01	9.58E-01	1.35E+00	1.21E+00	8.78E-01	2.06E-01	9.73E-01





241-TY-103	241-TY-104	241-TY-105	241-TY-106
2.68E-02	3.35E-03	1.69E-02	1.15E-03
3.74E-03	1.18E-02	7.74E-04	5.18E-05
8.30E-04	2.08E-05	2.51E-06	2.37E-07
7.78E-02	1.83E-03	2.15E-04	2.03E-05
2.20E-03	6.92E-05	5.03E-06	4.75E-07
7.26E-04	1.11E-05	3.30E-05	2.24E-06
1.72E+01	1.71E+01	1.70E+01	1.71E+01
1.72E+01	1.71E+01	1.70E+01	1.71E+01
8.18E-03	9.04E-05	1.56E-07	9.93E-10
1.68E-02	4.72E-03	4.00E-08	4.48E-09
1.86E-01	1.53E-01	3.32E-01	3.02E-02
2.51E-09	1.72E-14	3.85E-20	4.53E-21
1.25E-02	1.02E-04	2.72E-04	4.93E-06
2.54E-03	9.31E-07	9.84E-07	5.52E-07
1.21E-03	6.09E-09	2.71E-07	1.72E-09
2.10E-04	8.62E-06	3.47E-04	7.57E-07
4.39E-05	1.15E-07	8.24E-08	1.72E-09
1.26E+02	8.13E+01	4.05E+01	3.09E+01
1.34E+02	8.59E+01	4.28E+01	3.26E+01
2.17E+00	2.58E-13	3.78E-05	2.57E-06
1.88E-04	4.62E-18	4.67E-07	3.18E-08
1.27E-02	4.59E-16	3.25E-05	2.21E-06
4.73E-03	4.33E-16	1.56E-05	1.06E-06
2.34E-08	6.80E-10	4.10E-08	8.05E-10
1.88E-06	5.37E-15	1.57E-13	3.09E-15
7.86E-07	1.45E-19	9.61E-11	6.54E-12
6.34E-09	2.55E-13	9.70E-14	4.30E-15
2.29E-08	2.27E-15	8.22E-16	3.64E-17
8.17E-06	8.87E-08	2.96E-11	3.31E-12
1.85E-06	2.94E-08	5.64E-10	1.11E-10
1.13E-04	1.91E-06	4.73E-11	9.33E-12
1.24E-04	8.29E-05	4.66E-05	9.19E-06
5.42E-06	3.72E-06	2.08E-06	4.10E-07
1.77E-06	8.24E-07	5.33E-07	1.05E-07
1.22E-04	8.43E-05	4.74E-05	9.36E-06
2.00E-05	5.82E-08	2.52E-07	1.29E-06
8.57E-03	3.16E-05	2.47E-05	7.61E-06
6.55E-01	5.21E-03	3.56E-03	1.09E-03
7.89E-02	4.38E-04	3.81E-04	1.17E-04
3.16E-01	9.03E-04	6.46E-04	1.98E-04
2.79E-06	6.69E-09	5.24E-09	1.61E-09
8.38E-03	2.98E-02	1.99E-04	7.86E-05
2.25E-06	1.80E-06	2.81E-08	1.11E-08
3.27E-06	3.90E-06	2.14E-08	5.51E-09
1.18E-07	3.80E-08	2.40E-10	6.18E-11
2.73E-06	8.74E-07	5.40E-09	1.39E-09
1.78E+01	2.29E+00	1.27E+00	9.78E-02
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	5.23E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.81E-05	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00
6.56E-02	6.89E-02	7.15E-02	1.35E-03
0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	2.66E-02	1.16E-02	2.26E-04
6.00E+00	1.70E+00	1.02E+01	8.45E-01



Sort Order	Constituent	Isotope/ CAS Number	Inventory Units	WMA U Total Inventory	241-U-101	241-U-102
1	Tritium	3H	Ci	2.50E+00	1.84E-01	2.54E-01
3	Carbon-14	14C	Ci	4.37E-01	1.10E-02	4.35E-02
15	Nickel-59	59Ni	Ci	6.92E-02	2.09E-04	2.35E-02
16	Nickel-63	63Ni	Ci	6.45E+00	1.85E-02	2.20E+00
17	Cobalt-60	60Co	Ci	6.85E-01	4.02E-05	4.63E-02
18	Selenium-79	79Se	Ci	5.16E-02	5.50E-04	5.22E-03
19	Strontium-90	90Sr	Ci	4.43E+02	1.71E+01	2.87E+01
20	Yttrium-90	90Y	Ci	4.43E+02	1.71E+01	2.87E+01
22	Niobium-93m	93mNb	Ci	5.28E-01	4.18E-05	4.94E-02
25	Zirconium-93	93Zr	Ci	6.92E-01	6.98E-03	7.37E-02
26	Technetium-99	99Tc	Ci	1.06E+01	2.09E-01	8.19E-01
27	Ruthenium-106	106Ru	Ci	1.20E-07	6.11E-16	1.51E-08
31	Cadmium-113m	113mCd	Ci	1.36E+00	4.32E-04	1.60E-01
34	Tin-126	126Sn	Ci	8.61E-02	2.44E-05	9.08E-03
35	Antimony-125	125Sb	Ci	7.89E-02	9.69E-07	6.57E-03
37	Iodine-129	129I	Ci	1.55E-02	3.34E-04	1.73E-03
39	Cesium-134	134Cs	Ci	6.49E-03	1.14E-05	6.49E-04
40	Barium-137m	137mBa	Ci	1.65E+04	9.02E+02	2.18E+03
41	Cesium-137	137Cs	Ci	1.75E+04	9.53E+02	2.30E+03
44	Samarium-151	151Sm	Ci	4.08E+01	3.57E-08	7.58E+00
46	Europium-152	152Eu	Ci	4.76E-03	1.64E-12	6.57E-04
47	Europium-154	154Eu	Ci	1.26E+00	1.02E-10	4.45E-02
48	Europium-155	155Eu	Ci	5.83E-01	3.43E-11	1.66E-02
58	Radium-226	226Ra	Ci	1.88E-06	4.10E-10	2.45E-07
59	Radium-228	228Ra	Ci	1.68E-04	2.37E-15	2.06E-05
60	Actinium-227	227Ac	Ci	1.76E-05	3.47E-16	2.75E-06
62	Thorium-229	229Th	Ci	2.61E-07	8.86E-23	3.16E-08
64	Thorium-232	232Th	Ci	9.08E-07	2.53E-26	1.14E-07
65	Protactinium-231	231Pa	Ci	2.98E-04	4.26E-08	3.70E-05
66	Uranium-232	232U	Ci	4.05E-05	1.24E-19	1.98E-06
67	Uranium-233	233U	Ci	2.50E-03	6.29E-19	1.22E-04
68	Uranium-234	234U	Ci	2.61E-03	3.14E-15	1.44E-04
69	Uranium-235	235U	Ci	1.09E-04	1.35E-16	6.16E-06
70	Uranium-236	236U	Ci	6.14E-05	6.49E-17	3.12E-06
71	Uranium-238	238U	Ci	2.44E-03	3.22E-15	1.43E-04
72	Neptunium-237	237Np	Ci	1.30E-02	2.03E-16	1.15E-03
74	Plutonium-238	238Pu	Ci	2.43E-02	1.00E-03	2.11E-03
75	Plutonium-239	239Pu	Ci	8.17E-01	5.40E-02	8.39E-02
76	Plutonium-240	240Pu	Ci	1.71E-01	1.05E-02	1.69E-02
77	Plutonium-241	241Pu	Ci	9.59E-01	3.15E-02	7.84E-02
78	Plutonium-242	242Pu	Ci	9.07E-06	3.19E-07	7.57E-07
80	Americium-241	241Am	Ci	1.42E+00	4.55E-14	4.26E-02
82	Americium-243	243Am	Ci	8.38E-04	1.66E-17	2.19E-05
83	Curium-242	242Cm	Ci	2.30E-02	1.80E-07	6.40E-04
84	Curium-243	243Cm	Ci	7.74E-04	3.05E-09	2.21E-05
85	Curium-244	244Cm	Ci	1.81E-02	7.21E-08	5.15E-04
97	Aluminum	7429-90-5	kg	5.80E+03	2.13E+03	6.05E+02
98	Ammonia	7664-41-7	kg	1.02E+00	0.00E+00	0.00E+00
99	Ammonium NH4	14798-03-9	kg	0.00E+00	0.00E+00	0.00E+00
100	Antimony	7440-36-0	kg	6.35E-01	0.00E+00	0.00E+00
101	Arsenic	7440-38-2	kg	5.17E-01	0.00E+00	0.00E+00
102	Barium	7440-39-3	kg	2.53E-01	0.00E+00	0.00E+00
103	Beryllium	7440-41-7	kg	2.56E-02	0.00E+00	0.00E+00
104	Bismuth	7440-69-9	kg	7.43E-01	5.25E-02	4.45E-02
105	Boron	7440-42-8	kg	5.17E-01	0.00E+00	0.00E+00
107	Cadmium	7440-43-9	kg	1.21E+00	0.00E+00	0.00E+00
108	Calcium	7440-70-2	kg	2.83E+01	1.06E-01	1.47E+00

108.5	Carbonate	CO3	kg	5.65E+03	1.25E+02	8.27E+02
109	Cerium	7440-45-1	kg	5.17E-01	0.00E+00	0.00E+00
110	Chloride	16887-00-6	kg	6.27E+02	3.39E+01	8.94E+01
111	Chromium	18540-29-9	kg	1.01E+02	1.70E+01	2.33E+01
114	Cobalt	7440-48-4	kg	2.02E-01	0.00E+00	0.00E+00
115	Copper	7440-50-8	kg	1.44E-01	0.00E+00	0.00E+00
116	Cyanide	57-12-5	kg	0.00E+00	0.00E+00	0.00E+00
119	Fluoride	16984-48-8	kg	1.96E+02	3.05E+00	6.18E+00
122	Hydroxide	OHDEMAND	kg	7.37E+02	0.00E+00	8.00E+01
123	Iron	7439-89-6	kg	1.49E+01	6.08E-04	1.74E+00
124	Lanthanum	7439-91-0	kg	4.15E-04	0.00E+00	2.29E-04
125	Lead	7439-92-1	kg	5.39E+00	1.10E-02	7.61E-02
126	Lithium	7439-93-2	kg	5.13E-02	0.00E+00	0.00E+00
127	Magnesium	7439-95-4	kg	5.19E-01	0.00E+00	0.00E+00
128	Manganese	7439-96-5	kg	2.91E+00	2.21E-02	8.50E-02
130	Mercury	7439-97-6	kg	3.56E-01	1.36E-01	2.65E-02
131	Molybdenum	7439-98-7	kg	6.97E-01	0.00E+00	0.00E+00
132	Neodymium	7440-00-8	kg	5.10E-01	0.00E+00	0.00E+00
133	Nickel	7440-02-0	kg	4.77E+00	9.16E-03	5.25E-01
135	Nitrate	14797-55-8	kg	4.28E+04	1.69E+03	5.45E+03
136	Nitrite	14797-65-0	kg	8.15E+03	4.78E+02	1.02E+03
137	Oxalate	338-70-5	kg	3.34E+02	1.45E+01	3.49E+01
138	Palladium	7440-05-3	kg	0.00E+00	0.00E+00	0.00E+00
139	Phosphate	14265-44-2	kg	2.83E+03	3.92E+01	1.60E+02
141	Potassium	7440-09-7	kg	2.24E+02	9.29E+00	3.22E+01
142	Praseodymium	7440-10-0	kg	0.00E+00	0.00E+00	0.00E+00
143	Rhodium	7440-16-6	kg	0.00E+00	0.00E+00	0.00E+00
144	Rubidium	7440-17-7	kg	0.00E+00	0.00E+00	0.00E+00
145	Ruthenium	7440-18-8	kg	0.00E+00	0.00E+00	0.00E+00
147	Selenium	7782-49-2	kg	6.41E+00	0.00E+00	0.00E+00
148	Silicon	7440-21-3	kg	1.21E+02	2.34E+01	8.85E-01
149	Silver	7440-22-4	kg	9.04E-02	0.00E+00	0.00E+00
150	Sodium	7440-23-5	kg	3.06E+04	1.51E+03	3.48E+03
151	Strontium	7440-24-6	kg	1.14E-01	1.24E-02	1.25E-02
152	Sulfate	14808-79-8	kg	1.66E+03	1.81E+01	2.21E+02
155	Tantalum	7440-25-7	kg	0.00E+00	0.00E+00	0.00E+00
156	Tellurium	13494-80-9	kg	0.00E+00	0.00E+00	0.00E+00
157	Thallium	7440-28-0	kg	0.00E+00	0.00E+00	0.00E+00
159	Thorium	7440-29-1	kg	1.22E-05	7.08E-25	1.26E-06
161	Titanium	7440-32-6	kg	5.08E-02	0.00E+00	0.00E+00
162	Tungsten	7440-33-7	kg	0.00E+00	0.00E+00	0.00E+00
163	Uranium	7440-61-1	kg	7.31E+00	9.64E-12	4.29E-01
164	Vanadium	7440-62-2	kg	2.54E-01	0.00E+00	0.00E+00
166	Yttrium	7440-65-5	kg	0.00E+00	0.00E+00	0.00E+00
167	Zinc	7440-66-6	kg	1.22E-01	0.00E+00	0.00E+00
168	Zirconium	7440-67-7	kg	5.64E-01	1.84E-01	4.02E-02
174	1, 1, 2-Trichloroethylene	79-01-6	kg	0.00E+00	0.00E+00	0.00E+00
222	Acetate C2H3O2-	71-50-1	kg	0.00E+00	0.00E+00	0.00E+00
230	Benzene	71-43-2	kg	0.00E+00	0.00E+00	0.00E+00
232	Benzyl alcohol	100-51-6	kg	0.00E+00	0.00E+00	0.00E+00
244	Chloroform	67-66-3	kg	0.00E+00	0.00E+00	0.00E+00
257	Dichloromethane (methylene chloride)	75-09-2	kg	0.00E+00	0.00E+00	0.00E+00
259	Diethyl ether	60-29-7	kg	0.00E+00	0.00E+00	0.00E+00
294	Nitrobenzene	98-95-3	kg	0.00E+00	0.00E+00	0.00E+00
318	Pyridine	110-86-1	kg	0.00E+00	0.00E+00	0.00E+00
320	Tetrachloroethylene	127-18-4	kg	0.00E+00	0.00E+00	0.00E+00
322	Tetrahydrofuran	109-99-9	kg	0.00E+00	0.00E+00	0.00E+00
326	Tributyl phosphate	126-73-8	kg	0.00E+00	0.00E+00	0.00E+00

241-U-103	241-U-104	241-U-105	241-U-106	241-U-107	241-U-108	241-U-109	241-U-110	241-U-111
1.75E-01	1.27E-01	3.34E-01	1.55E-01	2.95E-01	3.67E-01	2.88E-01	3.76E-03	2.04E-01
4.82E-02	8.20E-03	5.76E-02	4.39E-02	6.18E-02	5.43E-02	5.33E-02	1.39E-03	5.18E-02
9.21E-04	6.49E-05	7.04E-03	1.40E-02	5.44E-03	8.93E-04	9.01E-03	6.28E-06	8.04E-03
8.58E-02	5.75E-03	6.60E-01	1.30E+00	5.10E-01	8.33E-02	8.41E-01	5.62E-04	7.46E-01
1.21E-02	3.34E-05	7.04E-02	4.91E-01	1.39E-02	6.54E-03	1.77E-02	3.78E-06	2.74E-02
4.99E-03	3.81E-04	6.53E-03	7.27E-03	7.56E-03	6.12E-03	6.30E-03	8.09E-05	6.52E-03
2.77E+01	1.70E+01	7.85E+01	1.73E+02	1.78E+01	2.13E+01	1.99E+01	1.71E+01	2.08E+01
2.77E+01	1.70E+01	7.85E+01	1.73E+02	1.78E+01	2.13E+01	1.99E+01	1.71E+01	2.08E+01
6.10E-02	2.90E-05	7.75E-02	1.11E-01	5.93E-02	4.85E-02	5.58E-02	7.31E-07	6.52E-02
7.26E-02	7.83E-03	7.12E-02	1.08E-01	9.28E-02	7.71E-02	8.57E-02	4.40E-05	9.64E-02
1.60E+00	1.45E-01	1.88E+00	2.10E+00	1.08E+00	8.25E-01	8.98E-01	3.04E-02	9.82E-01
5.29E-09	1.16E-17	8.39E-09	2.18E-08	1.64E-08	1.63E-08	1.78E-08	2.74E-14	1.86E-08
2.50E-02	2.99E-04	7.89E-02	2.83E-01	2.22E-01	1.91E-01	1.98E-01	0.00E+00	2.01E-01
5.98E-03	1.19E-04	1.15E-02	2.83E-02	7.56E-03	5.73E-03	7.61E-03	3.91E-05	1.02E-02
1.49E-02	6.72E-07	7.06E-03	2.09E-02	4.54E-03	8.60E-03	8.53E-03	1.35E-08	7.81E-03
1.64E-03	2.31E-04	1.52E-03	1.99E-03	2.25E-03	1.86E-03	1.92E-03	5.05E-05	1.97E-03
8.30E-04	7.91E-06	9.88E-04	9.01E-04	8.89E-04	7.17E-04	7.35E-04	3.86E-07	7.61E-04
1.85E+03	4.56E+02	2.24E+03	2.73E+03	1.09E+03	1.64E+03	1.47E+03	1.78E+01	1.83E+03
1.96E+03	4.82E+02	2.37E+03	2.89E+03	1.15E+03	1.74E+03	1.56E+03	1.88E+01	1.93E+03
2.61E+00	2.47E-08	5.97E+00	8.83E+00	4.42E+00	2.77E+00	3.23E+00	0.00E+00	5.38E+00
3.73E-04	1.14E-12	5.89E-04	1.26E-03	4.52E-04	3.40E-04	4.62E-04	7.54E-06	6.19E-04
2.97E-02	7.03E-11	4.58E-02	9.85E-01	3.63E-02	2.73E-02	3.68E-02	4.68E-04	4.98E-02
9.40E-03	2.37E-11	1.48E-02	4.95E-01	1.14E-02	8.57E-03	1.16E-02	1.58E-04	1.56E-02
5.44E-08	1.57E-10	1.52E-07	3.62E-07	2.58E-07	3.64E-07	2.10E-07	4.34E-10	2.31E-07
4.94E-06	9.02E-16	1.33E-05	3.30E-05	2.27E-05	3.26E-05	1.89E-05	2.18E-06	2.03E-05
1.25E-06	2.40E-16	2.40E-06	4.23E-06	1.83E-06	1.24E-06	1.55E-06	0.00E+00	2.35E-06
6.50E-08	7.43E-15	2.27E-08	3.83E-08	2.80E-08	2.09E-08	2.39E-08	8.39E-16	3.02E-08
2.24E-07	2.13E-18	7.97E-08	1.31E-07	9.79E-08	7.23E-08	8.26E-08	1.65E-09	1.05E-07
3.85E-05	4.78E-08	6.68E-05	4.44E-05	3.07E-05	2.25E-05	2.52E-05	2.80E-09	3.24E-05
3.14E-05	3.74E-12	3.17E-06	8.17E-08	1.18E-06	7.09E-07	4.84E-07	5.54E-12	1.48E-06
1.94E-03	1.90E-11	1.95E-04	5.07E-06	7.29E-05	4.30E-05	3.00E-05	2.29E-11	9.18E-05
1.46E-03	9.47E-08	5.22E-04	3.20E-06	4.84E-05	3.08E-04	2.20E-05	1.51E-07	1.06E-04
6.13E-05	4.08E-09	2.21E-05	1.34E-07	2.03E-06	1.18E-05	9.24E-07	6.50E-09	4.52E-06
3.47E-05	1.96E-09	1.10E-05	7.96E-08	1.12E-06	8.57E-06	5.20E-07	2.99E-09	2.26E-06
1.40E-03	9.71E-08	5.06E-04	3.01E-06	4.57E-05	2.21E-04	2.09E-05	1.53E-07	1.04E-04
4.77E-03	1.70E-08	1.67E-04	1.49E-04	1.40E-03	1.88E-03	1.87E-03	1.63E-09	1.63E-03
1.35E-03	6.67E-04	6.24E-03	6.22E-03	3.27E-03	1.37E-03	2.48E-04	5.96E-05	1.75E-03
4.45E-02	3.60E-02	2.03E-01	1.77E-01	9.37E-02	5.15E-02	7.47E-03	3.87E-03	6.24E-02
9.37E-03	6.98E-03	4.23E-02	3.85E-02	2.01E-02	1.13E-02	1.60E-03	6.63E-04	1.27E-02
5.21E-02	2.10E-02	2.53E-01	2.47E-01	1.33E-01	6.47E-02	9.92E-03	1.85E-03	6.69E-02
5.01E-07	2.12E-07	2.39E-06	2.36E-06	1.26E-06	5.16E-07	9.44E-08	1.83E-08	6.43E-07
1.61E-01	1.55E-05	1.84E-01	9.23E-01	4.95E-02	9.71E-03	1.91E-02	2.40E-06	3.15E-02
9.39E-05	5.65E-09	9.95E-05	5.60E-04	2.86E-05	5.06E-06	1.14E-05	7.52E-10	1.77E-05
1.39E-03	1.87E-06	5.69E-03	9.91E-03	2.94E-03	7.75E-04	4.28E-04	2.40E-07	1.20E-03
4.66E-05	3.17E-08	1.94E-04	3.30E-04	9.98E-05	2.61E-05	1.44E-05	3.48E-09	4.06E-05
1.09E-03	7.48E-07	4.53E-03	7.70E-03	2.33E-03	6.11E-04	3.37E-04	8.09E-08	9.48E-04
2.99E+02	5.83E+02	2.42E+02	1.63E+02	3.74E+02	3.93E+02	2.50E+02	7.49E+00	4.94E+02
0.00E+00	0.00E+00	1.02E+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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	1.88E-01	2.65E-01	7.62E-02	1.06E-01	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	8.50E-02	3.19E-01	1.34E-02	3.40E-02	6.65E-02	0.00E+00	0.00E+00
0.00E+00	0.00E+00	4.26E-02	1.60E-01	5.29E-04	1.71E-02	3.33E-02	0.00E+00	0.00E+00
0.00E+00	0.00E+00	4.26E-03	1.59E-02	4.46E-04	1.70E-03	3.32E-03	0.00E+00	0.00E+00
7.27E-02	1.30E-02	2.15E-01	1.50E-01	2.73E-02	2.67E-02	3.57E-02	6.64E-03	8.25E-02
0.00E+00	0.00E+00	8.86E-02	1.63E-01	9.64E-02	7.74E-02	9.22E-02	0.00E+00	0.00E+00
0.00E+00	0.00E+00	8.22E-02	9.98E-01	4.33E-02	4.63E-02	4.24E-02	0.00E+00	0.00E+00
3.40E-01	4.97E-02	1.17E+00	5.03E+00	1.91E+00	1.62E+01	7.84E-01	8.21E-02	1.18E+00



241-U-112

1.17E-01  
1.98E-03  
4.85E-05  
4.36E-03  
3.61E-05  
6.51E-05  
4.07E+00  
4.07E+00  
3.97E-06  
4.14E-04  
5.23E-02  
1.67E-18  
7.84E-05  
3.99E-07  
6.89E-08  
3.93E-05  
1.33E-06  
1.24E+02  
1.31E+02  
4.30E-09  
1.93E-13  
1.20E-11  
4.06E-12  
1.76E-10  
2.99E-11  
1.82E-16  
1.56E-19  
9.70E-18  
3.28E-08  
2.35E-16  
8.75E-16  
6.70E-12  
2.89E-13  
1.29E-13  
6.80E-12  
2.87E-13  
5.28E-07  
7.32E-05  
8.10E-06  
1.41E-05  
1.17E-10  
2.35E-11  
2.22E-15  
7.29E-08  
8.18E-10  
1.84E-08  
2.65E+02  
0.00E+00  
0.00E+00  
0.00E+00  
0.00E+00  
0.00E+00  
0.00E+00  
1.62E-02  
0.00E+00  
0.00E+00  
3.46E-02

