

radiation decay at PF2

hour	strength	rads	PF2	rads	PF2	rads	PF2	rads	PF2
1	1	1000	500	500	250	200	100	100	50
2	1/2	435	218	218	109	87	43.5	43.5	21.8
3	1/4	267	134	134	66.8	53.4	26.7	26.7	13.4
4	1/8	189	94.5	94.5	47.3	37.8	18.9	18.9	9.45
5		145	72.5	72.5	36.3	29	14.5	14.5	7.25
6		116	58	58	29	23.2	11.6	11.6	5.8
7	1/10	100	50	50	25	20	10	10	5
8		82	41	41	20.5	16.4	8.2	8.2	4.1
9		71	35.5	35.5	17.8	14.2	7.1	7.1	3.55
10		63	31.5	31.5	15.8	12.6	6.3	6.3	3.15
11		56	28	28	14	11.2	5.6	5.6	2.8
12	1/20	50	25	25	12.5	10	5	5	2.5
13		46	23	23	11.5	9.2	4.6	4.6	2.3
14		43	21.5	21.5	10.8	8.6	4.3	4.3	2.15
15		38	19	19	9.5	7.6	3.8	3.8	1.9
16		35	17.5	17.5	8.75	7	3.5	3.5	1.75
17		33	16.5	16.5	8.25	6.6	3.3	3.3	1.65
18		31	15.5	15.5	7.75	6.2	3.1	3.1	1.55
19		29	14.5	14.5	7.25	5.8	2.9	2.9	1.45
20		27	13.5	13.5	6.75	5.4	2.7	2.7	1.35
21		26	13	13	6.5	5.2	2.6	2.6	1.3
22		24	12	12	6	4.8	2.4	2.4	1.2
23		23	11.5	11.5	5.75	4.6	2.3	2.3	1.15
24		22	11	11	5.5	4.4	2.2	2.2	1.1
49	1/100	10	5	5	2.5	2	1	1	0.5
343	1/1000	1	0.5	0.5	0.25	0.2	0.1	0.1	0.1
504	1/2000	.5	0.25	0.25	0.13	0.1	0.1	0.1	0
2401	1/10000	.1	0.1	0.1	0	0	0	0	0
total 343 hour dosage			1200		600		240		120

approximate:

343 hours = 14 days = 2 weeks

504 hours = 21 days = 3 weeks

2401 hours = 100 days = 14 weeks

death

500 rads is a lethal dose

PF	lead	conc.	earth
1	0	0	0
2	.12	3	4
4	.25	6	8
8	.37	9	12
16	.5	12	16
32	.62	15	20
64	.75	18	24
128	.87	21	28
256	1	24	32
512	1.12	27	36