Radius of deadly radiation exposure

Surface burst in kilometers

YIELD	1000 REM R	200 REM R	60 REM R
1 kt	0.8 km	1 km	1.2 km
10 kt	1.1 km	1.4 km	1.7 km
20 kt	1.3 km	1.6 km	1.9 km
50 kt	1.5 km	1.8 km	2.1 km
100 kt	1.7 km	2.0 km	2.3 km
200 kt	1.9 km	2.2 km	2.5 km
300 kt	2 km	2.4 km	2.6 km
400 kt	2.1 km	2.4 km	2.7 km
500 kt	2.1 km	2.5 km	2.8 km
1 mt	2.3 km	2.7 km	3.0 km
2 mt	2.6 km	2.9 km	3.2 km
5 mt	2.9 km	3.3 km	3.6 km
10 mt	3.2 km	3.6 km	3.9 km
20 mt	3.7 km	4.1 km	4.4 km
50 mt	5 km	5.3 km	5.5 km
100 mt	6.9 km	7.2 km	7.4 km

Source for data: https://nuclearsecrecy.com/nukemap/

This table is part of the Practical nuclear protocol on Settlemapp.com

Radius of deadly radiation exposure

Airburst in kilometers

YIELD	1000 REM R	200 REM R	60 REM R
1 kt	0.7 km	1.0 km	1.2 km
10 kt	1.1 km	1.4 km	1.7 km
20 kt	1.3 km	1.6 km	1.9 km
50 kt	1.5 km	1.8 km	2.1 km
100 kt	1.7 km	2.0 km	2.3 km
200 kt	1.9 km	2.2 km	2.5 km
300 kt	2.0 km	2.4 km	2.6 km
400 kt	2.1 km	2.5 km	2.7 km
500 kt	2.1 km	2.5 km	2.8 km
1 mt	2.3 km	2.7 km	3.0 km
2 mt	2.6 km	2.9 km	3.2 km
5 mt	2.9 km	3.3 km	3.6 km
10 mt	3.2 km	3.6 km	3.9 km
20 mt	3.7 km	4.1 km	4.4 km
50 mt	4.9 km	5.3 km	5.5 km
100 mt	6.9 km	7.2 km	7.4 km

Source for data: https://nuclearsecrecy.com/nukemap/

This table is part of the Practical nuclear protocol on Settlemapp.com

Radius of deadly radiation exposure

Surface burst in miles

YIELD	1000 REM R (MI)	200 REM R (MI)	60 REM R (MI)
1 kt	0.5	0.6	0.7
10 kt	0.7	0.9	1.1
20 kt	0.8	1.0	1.2
50 kt	0.9	1.1	1.3
100 kt	1.1	1.2	1.4
200 kt	1.2	1.4	1.6
300 kt	1.2	1.5	1.6
400 kt	1.3	1.5	1.7
500 kt	1.3	1.6	1.7
1 mt	1.4	1.7	1.9
2 mt	1.6	1.8	2.0
5 mt	1.8	2.1	2.2
10 mt	2.0	2.2	2.4
20 mt	2.3	2.5	2.7
50 mt	3.1	3.3	3.4
100 mt	4.3	4.5	4.6

Source for data: https://nuclearsecrecy.com/nukemap/

This table is part of the Practical nuclear protocol on Settlemapp.com

Radius of deadly radiation exposure

Airburst in miles

YIELD	1000 REM R (MI)	200 REM R (MI)	60 REM R (MI)
1 kt	0.4	0.6	0.7
10 kt	0.7	0.9	1.1
20 kt	0.8	1.0	1.2
50 kt	0.9	1.1	1.3
100 kt	1.1	1.2	1.4
200 kt	1.2	1.4	1.6
300 kt	1.2	1.5	1.6
400 kt	1.3	1.6	1.7
500 kt	1.3	1.6	1.7
1 mt	1.4	1.7	1.9
2 mt	1.6	1.8	2.0
5 mt	1.8	2.1	2.2
10 mt	2.0	2.2	2.4
20 mt	2.3	2.5	2.7
50 mt	3.0	3.3	3.4
100 mt	4.3	4.5	4.6

Source for data: https://nuclearsecrecy.com/nukemap/

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