

~~SECRET~~

31.

NO FOREIGN DISSEM/NO DISSEM ABROAD/  
CONTROLLED DISSEM/BACKGROUND USE ONLY

Table 7

IRRADIATION DOSES SUSAINED BY SOLDIERS (NOT SHELTERED)

Distance from the centre of burst in kms.	Irradiation doses D on the axis of the wake during full disintegration of radio-active bodies after a burst of the following yield in kilotons:										Equivalent distances required for the evaluation of irradiation doses not on the axis of the wake, at the following distances from the axis (in kms.)																				
	2	3	5	10	15	20	30	40	50	75	100	150	200	300	500	700	1000	2	5	10	20	30	50	70	100	150	200	300	500		
2	6000	5000	3000	1500	1200	1000	750	600	500	350	300	200	150	100	90	70	50	-	-	-	-	-	-	-	-	-	-	-	-		
3	4000	6000	4000	3000	1800	1500	1200	1000	750	500	450	300	250	200	150	100	75	-	-	-	-	-	-	-	-	-	-	-	-		
4	2000	4000	6000	3500	2500	2000	1500	1200	1000	750	600	400	250	200	155	100	40 (0.6)	-	-	-	-	-	-	-	-	-	-	-	-		
6	650	1300	2000	5000	3500	3000	2000	1900	1500	1000	900	600	400	300	200	250	30 (0.6)	150 (0.2)	-	-	-	-	-	-	-	-	-	-	-		
8	300	650	1000	2500	4000	3500	3000	2500	2000	1500	1000	850	700	500	400	300	200	200 (0.6)	100 (0.3)	-	-	-	-	-	-	-	-	-	-	-	
10	200	350	600	1500	2500	4000	3500	3000	2500	2000	1500	1000	900	650	500	350	250	250 (0.6)	100 (0.3)	-	-	-	-	-	-	-	-	-	-	-	
12	150	250	400	900	1500	2500	4000	3500	3000	2500	2000	1300	1000	850	600	450	300	250 (0.6)	100 (0.3)	-	-	-	-	-	-	-	-	-	-	-	
14	80	200	250	700	1000	1500	2500	4000	3500	3000	2500	1400	1000	750	550	400	250	250 (0.6)	100 (0.3)	-	-	-	-	-	-	-	-	-	-	-	
16	60	150	180	500	800	1000	1800	3500	4000	3000	2300	1400	1000	750	550	400	250	250 (0.6)	100 (0.3)	-	-	-	-	-	-	-	-	-	-	-	
20	30	75	100	250	400	500	1000	1700	2000	3500	3000	1800	1500	900	600	450	250	250 (0.6)	100 (0.3)	250 (0.05)	-	-	-	-	-	-	-	-	-	-	
25	20	45	60	150	250	350	550	800	1000	2000	3500	2000	1800	1500	1000	750	550	30 (0.7)	70 (0.3)	200 (0.1)	-	-	-	-	-	-	-	-	-	-	
30	15	25	40	90	150	300	350	600	700	1000	2000	3000	2500	2000	1500	1000	800	30 (0.8)	60 (0.4)	175 (0.15)	500 (0.05)	-	-	-	-	-	-	-	-	-	
40	6	12	20	45	75	100	200	280	300	600	800	1500	3000	2500	2000	1500	1000	30 (0.9)	60 (0.4)	150 (0.15)	500 (0.05)	-	-	-	-	-	-	-	-	-	
50	2	8	10	25	45	60	100	180	200	350	500	800	1000	3000	2500	1800	1300	40 (0.9)	60 (0.5)	125 (0.2)	400 (0.05)	-	-	-	-	-	-	-	-	-	
60	1.5	4	7	15	25	40	60	80	100	200	300	500	750	1200	3000	2000	1500	50 (0.9)	70 (0.5)	125 (0.3)	300 (0.05)	-	-	-	-	-	-	-	-	-	
70	3	5	12	20	25	40	60	70	80	150	200	350	500	800	1500	2200	1800	70 (1)	80 (0.7)	125 (0.4)	300 (0.1)	-	-	-	-	-	-	-	-	-	
80	1	2	3	8	15	20	30	50	60	100	150	250	400	500	1000	1500	2000	80	90	125 (0.4)	300 (0.1)	-	-	-	-	-	-	-	-	-	
90	-	1.5	2.5	6	10	15	20	35	40	75	100	200	300	450	800	1200	1800	90	100	125	250	-	-	-	-	-	-	-	-	-	
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	125	250	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125	125	150	250	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150	150	175	250	-	-	-	-	-	-	-	-	-
175	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	175	175	200	250	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200	200	250	250	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	250	300	300	-	-	-	-	-	-	-	-	-
300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300	300	400	400	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	400	500	500	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500	500	500	500	-	-	-	-	-	-	-	-	-

• Ibid.

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