

Blast Overpressure Effects from 50 lb High Explosives (Radial Extent of Overpressure)

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| B | | Fatalities in c |
| in the second | | Onset of leth |
| | | Onset of lung |
| E Boronda Rd | | Onset of earc |
| Por period | | Onset of sha |
| | Are | eas in the table |
| | UT Re Ma Ge | ects or contam C at or near gro lease Location: terial: HE nerated On: Ju del: BLAST |
| CODO Tele Atlas and/or LLNL | | |
| Man Size: 287 m by 287 m Id: Production rcE18821 rcC1 | | |

| Blast Effects | | | |
|--|---------------------------|--|--|
| Description | (psi) Extent Area | | |
| Fatalities in over 99% of the population. | >100 6.6m 137 m2 | | |
| Onset of lethality | >25 11.1m 388 m2 | | |
| Onset of lung damage | >10 16.9m 898 m2 | | |
| Onset of eardrum rupture | >5 25.5m 2,039 m2 | | |
| Onset of shattered glass from blast effects. | >0.5 103m 33,448 m2 | | |
| Areas in the table are cumulative. | • | | |

Effects or contamination from June 30, 2011 13:00 UTC to June 30, 2011 13:00 UTC at or near ground level. Release Location: 36.715775 N, 121.623420 W Material: HE Generated On: July 01, 2011 21:03 UTC Model: BLAST

Map Size: 287 m by 287 m ld: Production.rcE18821.rcC1 Approved by: {NARAC Operations; NARAC}

Example For Demonstration Only