

FALLOUT PREDICTION WORKSHEET-SURFACE BURST	
a.	Time of burst (date-time group) _____
b.	GZ Coordinates Local or ZULU) _____ FOXTROT YZZZZZ _____ (actual or estimated)
c.	P/TV Ratio (from target analyst for friendly weapons only) _____
d.	HOB (from target analyst for friendly weapons only) meters _____ KT or MT _____
e.	Yield _____
f.	Cloud-top Height (Fig. 4-3) 10 ³ meters or feet _____
g.	Cloud-bottom Height (Fig. 4-3) 10 ³ meters or feet _____
h.	2/3 Stem Height (Fig. 4-3) 10 ³ meters or feet _____
i.	Stabilized Cloud Radius (Fig. 4-3) ZULU r (KM) _____
j.	Time of Fall from Cloud Bottom (Fig. 4-3) hours _____
k.	Fallout Wind Vector Plot (Enter f, g, and h radial lines on wind vector plot and measure distance from GZ to cloud-bottom height) Radial Line Distance from GZ to Cloud-Bottom Height km _____
l.	Effective Wind Speed = $\frac{k \text{ (GZ to CB dist)}}{f \text{ (Time of Fall)}}$ km/hr _____ ZULU sss (kmph) _____
m.	Downwind Distance of Zone 1 (Enter Fig. 4-7 with i and n) km _____
n.	Adjustment = P/TV Factor x HOB Factor [Enter Fig. 4-8 with _____] [Enter Fig. 4-9 or 4-10 with d and e or use a 1] _____
o.	Adjust Downwind Distance of Zone 1 (m x n) ZULU xxx (km) _____
p.	Fallout Wind Vector Plot (Check lateral limits for 4D degrees) Azimuth of Left Radial Line YANKEE dddd (mils or degrees) _____
q.	Azimuth of Right Radial Line YANKEE dccc (mils or degrees) _____
r.	NBC 3 Nuclear ALFA AAA DELTA DDDT FOXTROT YZZZZZ YANKEE dddddd ZULU sssxxxr (effective wind speed) (downwind distance) (cloud radius) (Strike Serial Number) (Local or ZULU) (GZ coordinates-actual or estimated) (Azimuths or radial lines-mils or degrees)

For use of this form, see FM 3-3-1; the proponent agency is TRADOC