SURFACE DETONATION CLOUD HEIGHT VS. YIELD

ALTITUDE (1000 FT)

ALTITUDE (KM)

120 — 36

100 — 30

80 — 24

STRATOSPHERE

60 — 18

TROPOSPHERE

40 — 12

20 — 6

0

30 MILES
48.5 KM

12 MILES
20 KM

TOP OF
THE CLOUD

2.5 MILES
4 KM

BOTTOM OF
THE CLOUD

MOUNT
EVEREST
8 848 M

YIELD
(MEGATON)

0.001   0.01   0.1   1   10   30

EMPIRE STATE
BUILDING
449 M

BURJ KHALIFA
828 M

LITTLE BOY
HIROSHIMA
15 KT
USA

LICORNE
PACIFIC OCEAN
994 KT
FRANCE

CASTLE BRAVO
PACIFIC OCEAN
15 MT
USA