

Overpressure (Blast Force) Threat Zone

Time: July 21, 2022 1921 hours ST (using computer's clock)

Chemical Name: METHANE

Wind: 2.21 meters/second from WSW at 3 meters

THREAT ZONE:

Threat Modeled: Overpressure (blast force) from vapor cloud explosion

Type of Ignition: ignited by spark or flame

Level of Congestion: congested

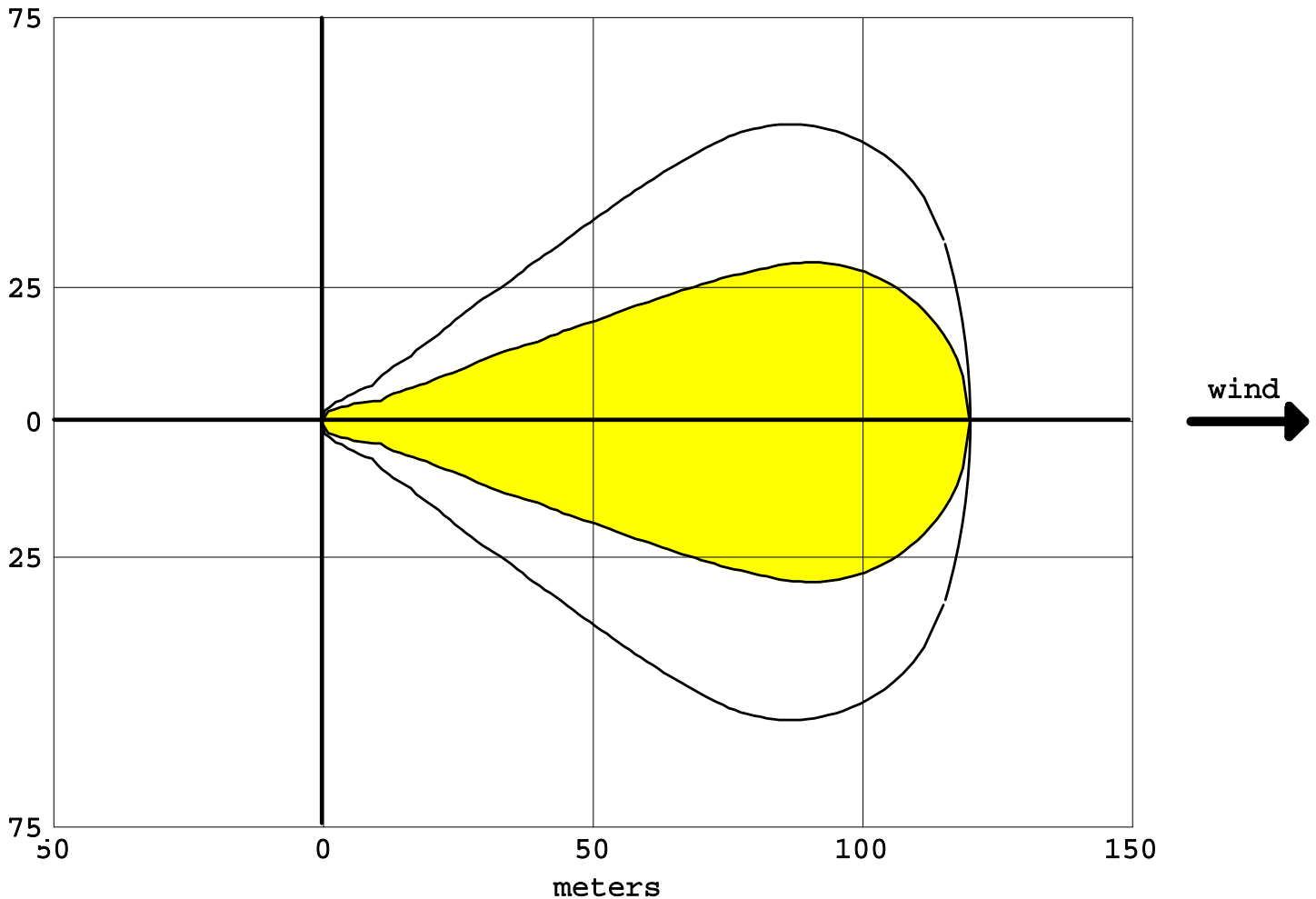
Model Run: Gaussian





Red : LOC was never exceeded --- (8.0 psi = destruction of buildings)

Orange: LOC was never exceeded --- (3.5 psi = serious injury likely)

Yellow: 120 meters --- (1.0 psi = shatters glass)

meters



-  greater than 8.0 psi (destruction of buildings)
-  greater than 3.5 psi (serious injury likely)
-  greater than 1.0 psi (shatters glass)
-  wind direction confidence lines