

# Thermal Radiation Threat Zone

Time: July 22, 2022 1046 hours ST (using computer's clock)

Chemical Name: METHANE

Wind: 2.21 meters/second from WSW at 3 meters

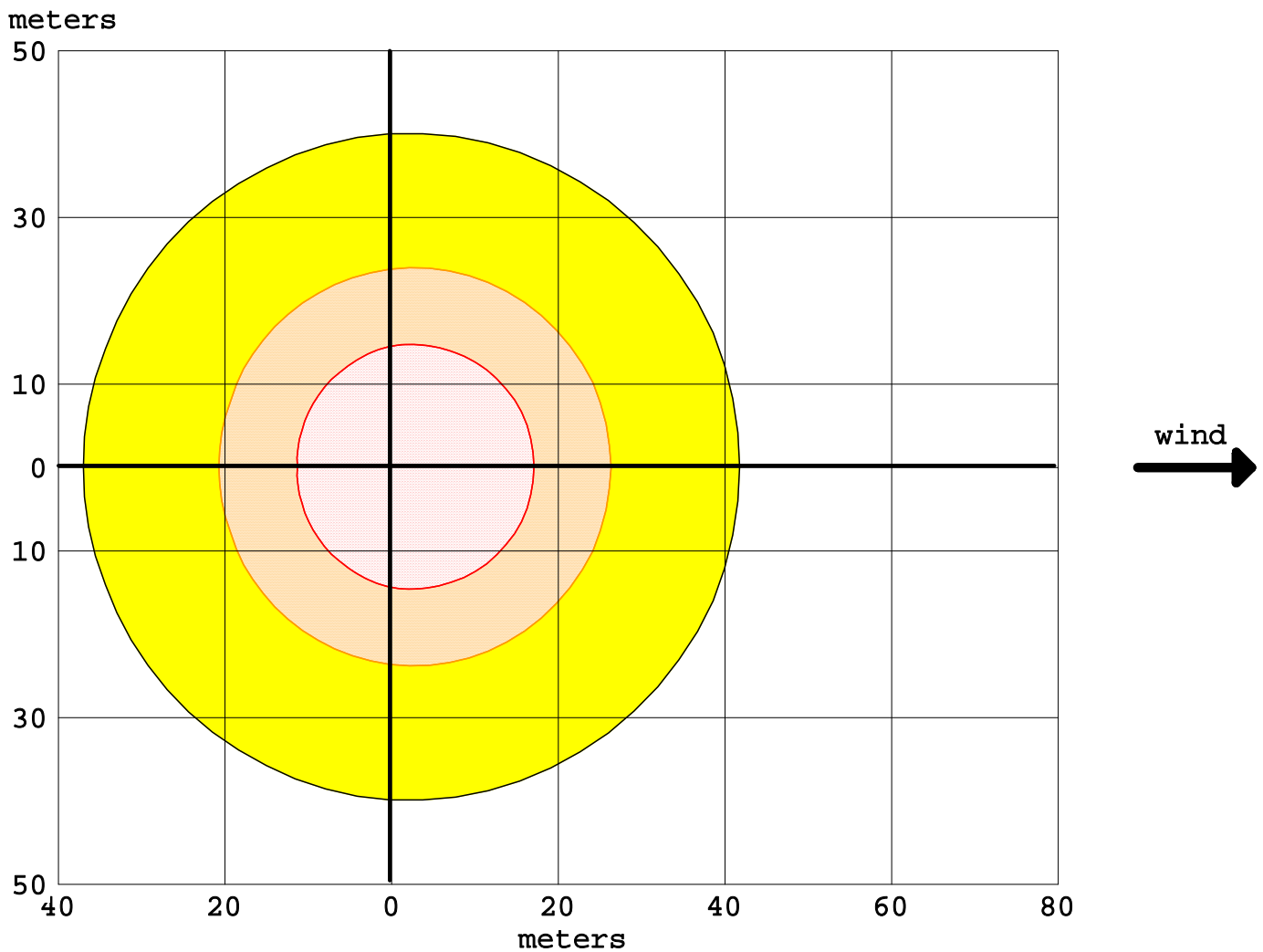
### THREAT ZONE:




Threat Modeled: Thermal radiation from jet fire

Red : 17 meters --- (10.0 kW/(sq m) = potentially lethal within 60 sec)

Orange: 27 meters --- (5.0 kW/(sq m) = 2nd degree burns within 60 sec)

Yellow: 42 meters --- (2.0 kW/(sq m) = pain within 60 sec)



-  greater than 10.0 kW/(sq m) (potentially lethal within 60 sec)
-  greater than 5.0 kW/(sq m) (2nd degree burns within 60 sec)
-  greater than 2.0 kW/(sq m) (pain within 60 sec)