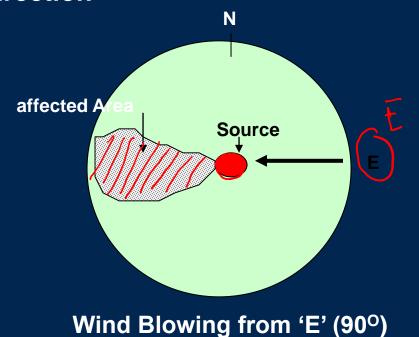
## **Measurement of Micrometeorological parameters**

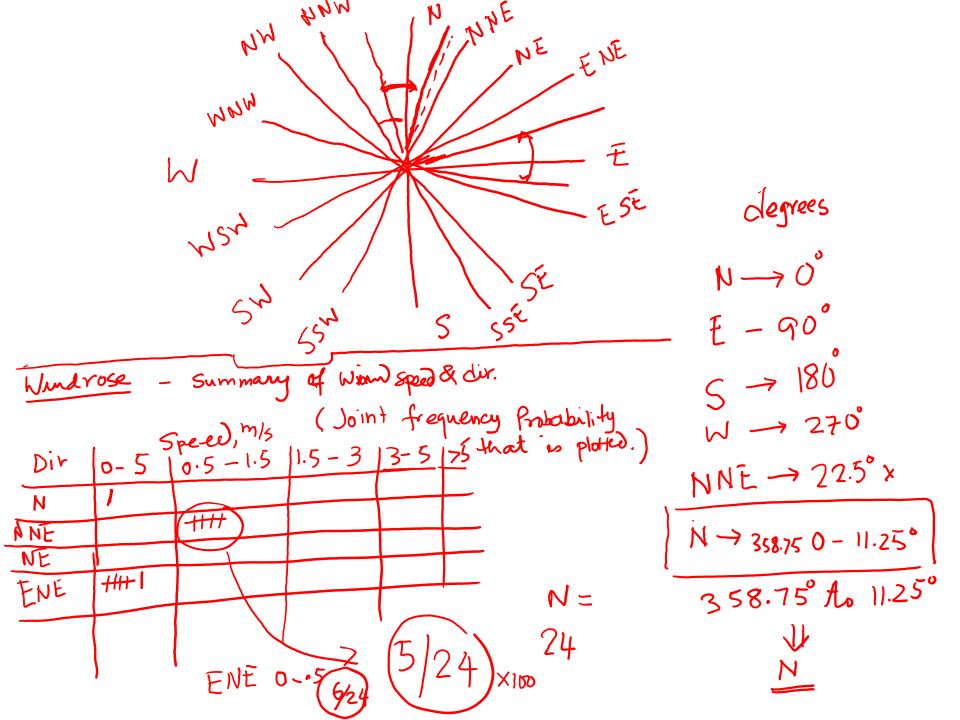
## **Wind Direction**



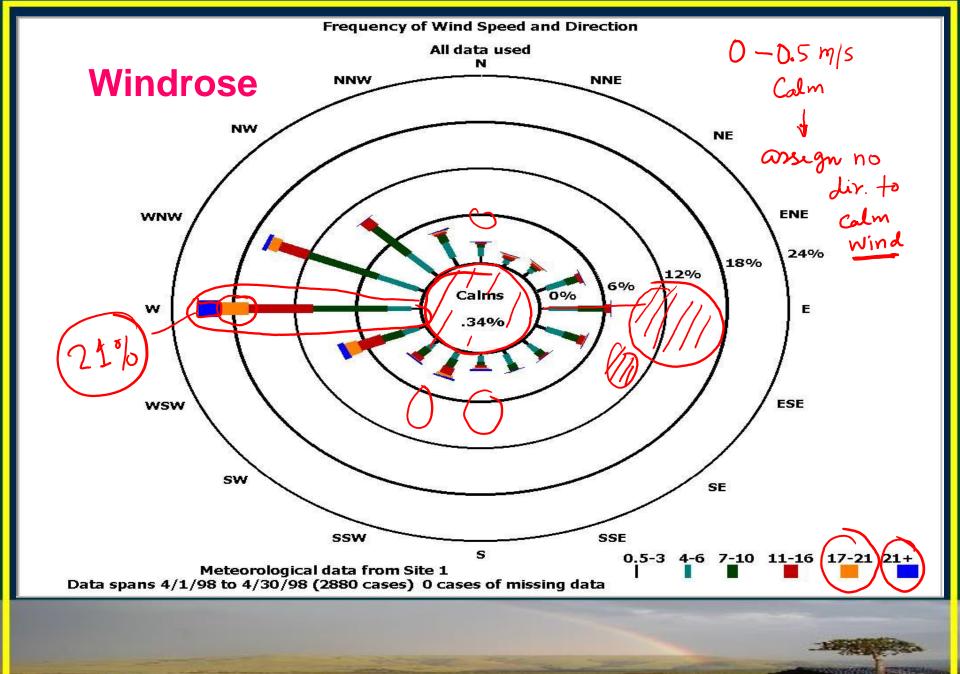
Wind vane set

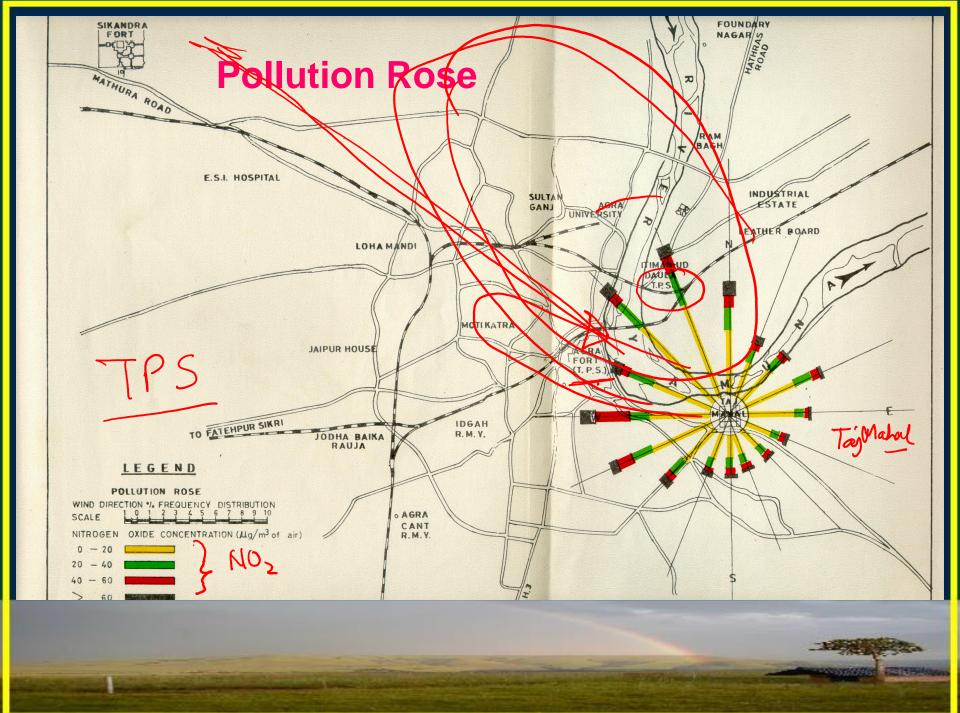


Based on the wind direction the receptors in the down wind direction are identified

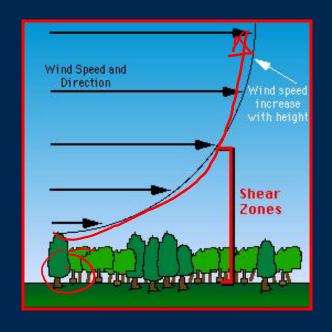


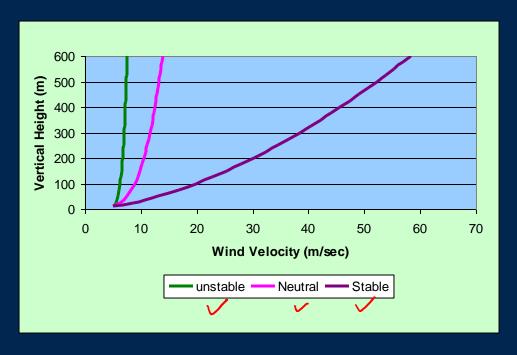
Bhopal Gas Traged Dec 2/3, 1984 Winter & night Inversion GL Calm ( < 0.5m/s) Heavy Carside 30m 'Sevin' Cloud Int. Product clo de Methyl Isocynate Set back Process MIC -> Vapourise Pressure builtup. 15T

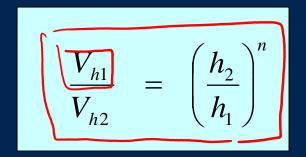




## **Wind Velocity Profile**







'n' depends on stability
Unstable 0.1
Neutral 0.25
Stable 0.4

Power Law dring the modelling -

Vh2 = Vh,/h2/h,)n.