

$$C = \frac{1}{2\pi\sigma^2} \exp\left(\frac{(y-Y)^2}{2\sigma^2}\right) \exp\left(\frac{(z-Z)^2}{2\sigma^2}\right)$$

$$M = \frac{1}{2\sqrt{2\pi}\sigma} \exp\left(\frac{(y-Y)^2}{2\sigma^2}\right) \operatorname{erfc}\left(\frac{Z}{\sqrt{2}\sigma}\right)$$

Y, Z = Position of spray material

erfc = Complementary error function

C = Deposition to the ground