

logarithmic U_a -saturation

$$u_\lambda = (\lambda - 555) / 50$$

$$U_a = (P_o \cdot D_o)^{0,5}$$

$$\log P_o = -0,35[u_\lambda - u_{570}]^2$$

$$\log U_a = (\log P_o + \log D_o) / 2$$

$$\log D_o = -0,35[u_\lambda - u_{545}]^2$$

$$\log [P_o / U_a, D_o / U_a]$$

Adaptation: $\lambda_{PD} = 557$

