

logarithmic U_a -saturation

$$u_\lambda = (\lambda - 550) / 50$$

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

$$\log P_o = -0,35[u_\lambda - u_{563}]^2$$

$$\log U_a = (\log P_o + \log D_o) / 2 \quad \log D_o = -0,35[u_\lambda - u_{538}]^2$$

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

Adaptation: $\lambda_{PD} = 550$

