

$$\log [P_a D_a T_a U_o N_o]$$

$$\log P_a = \log P_o - 0.05$$

$$\log U_o = 0.5 [\log P_a + \log D_a]$$

$$\log D_a = \log D_o + 0.12$$

$$\log N_o = 0.5 [\log T_a + \log U_o]$$

$$\log T_a = \log T_o + 1.13$$

Adaptation:  $\lambda_{RG} = 575$

$\lambda_{JB} = 525$

