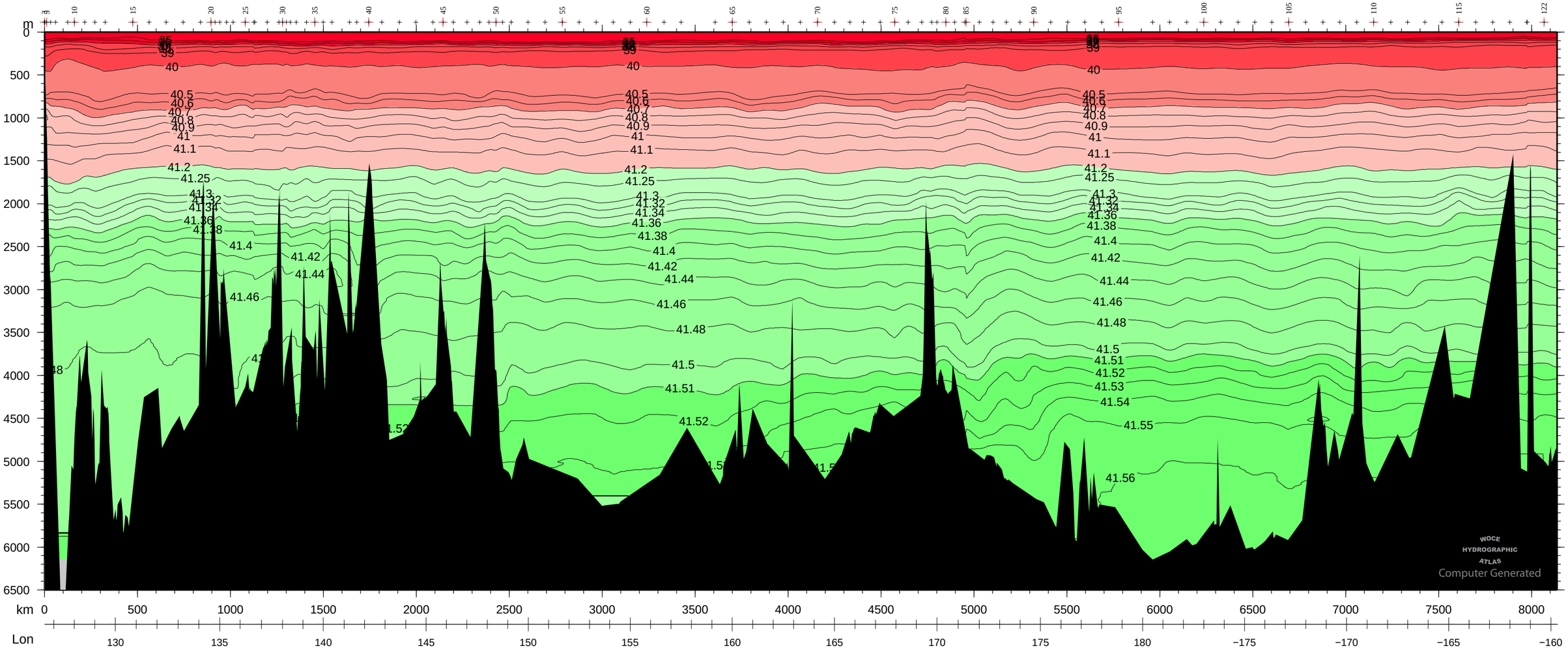σ_3 (kg/m^3) for P04 10˚N (500:1) – WEST