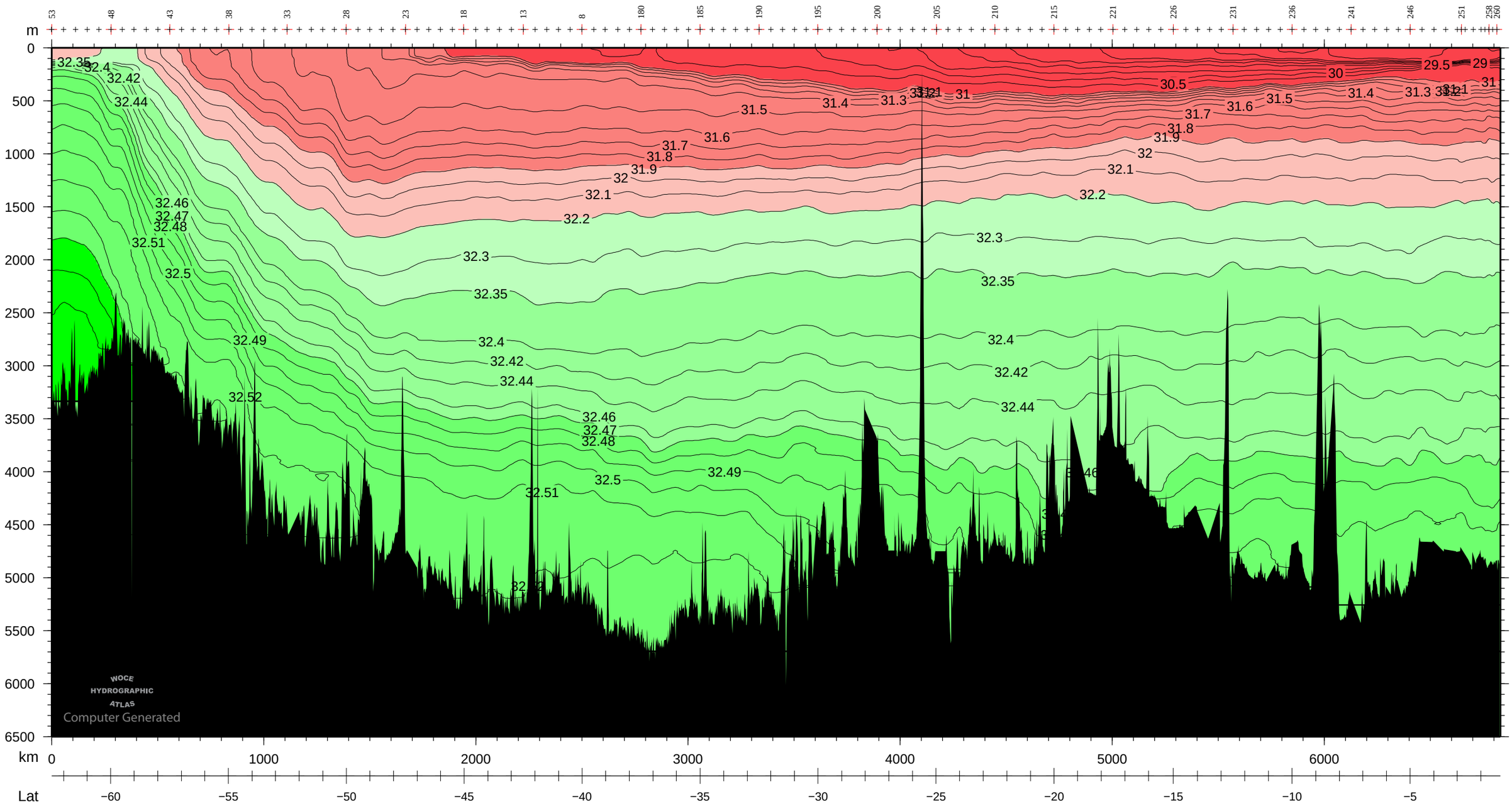# $\sigma_1$ (kg/m$^3$) for P16_1984A Marathon (500:1) – SOUTH