Pressure is

$$p = \rho g h$$

where ρ is water density, h is depth and $g = 9.8\,m/s^2$.
So we find

$$p = 1000\,kg/m^3 \cdot 4300\,m \cdot 9.8\,m/s^2 = 42140000\,Pa = 42.14\,MPa$$