The weighted average depth equation is represented as:

$$\text{Weighted Average Depth} = \left(\frac{V_1}{V_{\text{tot}}} \times \text{depth}_1 \right) + \left(\frac{V_2}{V_{\text{tot}}} \times \text{depth}_2 \right) + \cdots + \left(\frac{V_N}{V_{\text{tot}}} \times \text{depth}_N \right)$$

(1)

where $V_{\text{tot}} = V_1 + V_2 + \cdots + V_N$.