32. The frequency is $f = 686$ Hz. At the beginning of the exercises and problems section in the textbook, we are told to assume $v_{\text{sound}} = 343$ m/s unless told otherwise. If L is the length of the air-column (so that the water height is $h = 1.00\,\text{m} - L$) then Eq. 18-41 leads to

$$L = \frac{nv}{4f} \quad \Longrightarrow \quad h = 1.00 - L = \begin{cases} 0.875\,\text{m} & \text{for } n = 1 \\ 0.625\,\text{m} & \text{for } n = 3 \\ 0.375\,\text{m} & \text{for } n = 5 \\ 0.125\,\text{m} & \text{for } n = 7 \end{cases} .$$