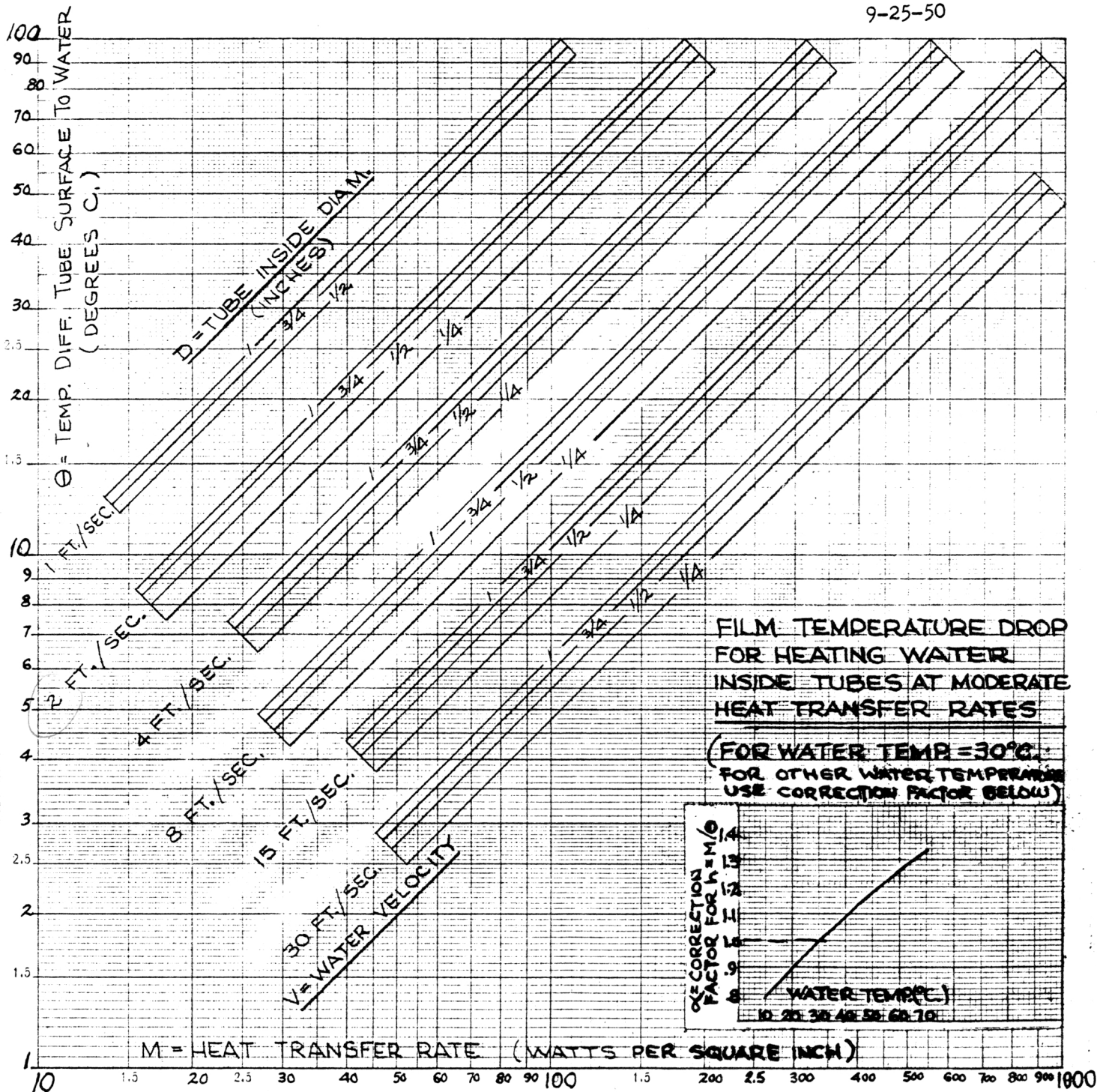




DERIVED FROM M. S. ADAMS
"HEAT TRANSMISSION"
1942, P. 68:-

$$h = \frac{M}{\Delta T} = 1.07 \alpha \frac{V^{0.8}}{D^{0.2}}$$

(SYMBOLS & UNITS FOR ABOVE
EQN. DEFINED ON THIS PAGE)

$$\alpha = 0.7 + 0.01T$$

$$\Delta T = \frac{M}{\left(1.07 \alpha \frac{V^{0.8}}{D^{0.2}}\right)}$$