

$$D(x, y) = \frac{\sum_{t=0}^{t=final} R^{T_r - T(x, y, t)} \Delta t}{3600}$$

where

$$R = \begin{array}{ll} .50, & T(x, y, t) \geq T_r; \\ .25, & T(x, y, t) < T_r \end{array}$$