

$$\hat{y}_k(T = t) = \frac{\sum_{l=i-1}^{i+1} \sum_{m=j-1}^{j+1} rain_{l,m}(T=t)}{9} \quad (1)$$

$\hat{y}_k$  A prediction value at k-th observation point.

$T$  Time

$rain_{l,m}$  The i, j-th prediction value of grid data.