

- I = Thornthwaite's temperature-efficiency index;
- i = heat index;
- IR = irrigation, mm;
- IRR = irrigation requirement, mm;
- j = index of growth stage;
- k_c = crop coefficient from Soil Conservation Service (1967), based on modified Blaney-Criddle estimates of ET_p ;
- k'_c = crop coefficient based on Penman method estimates of ET_p ;
- k_1 = coefficient for Penman method;
- k_2 = coefficient for pan evaporation method;
- k_3 = coefficient for Thornthwaite method;
- k_4 = coefficient for Blaney-Criddle method;
- k_5 = coefficient for modified Blaney-Criddle method;
- k_m = crop factor;
- L_d = daytime hours divided by 12;
- MR_n = monthly net solar radiation in cal/cm^2 ;
- MR_s = monthly incoming solar radiation, cal/cm^2 ;
- n = number of growth stages;
- P = flux density of solar radiation stored as chemical energy in photosynthesis process, $\text{cal}/\text{cm}^2 \cdot \text{day}$;
- PD = percent of annual daylight hours in the month;
- PE = evaporation from U.S. Weather Bureau standard class pan, mm;
- PET = monthly potential evapotranspiration estimated by Thornthwaite's method, mm;
- PN = percolation from root zone, mm;
- PT = plant transpiration, mm;
- PT_p = potential plant transpiration, mm;
- R_b = net outgoing thermal or long wave radiation, $\text{cal}/\text{cm}^2 \cdot \text{day}$;
- RO = runoff, mm;
- RF = rainfall, mm;