

APPENDIX I. NOTATION

The following symbols are used in this bulletin:

a = superscript coefficient for Thornthwaite method;

CT = cumulative transpiration from the beginning of growth stage, mm;

CT_p = cumulative transpiration that occurs when soil water does limit transpiration, mm;

D = 50–70% of the available water capacity of the soil, cm;

E = evaporation, mm;

EAA = Everglades Agricultural Area;

$E_a = 0.263 (e_a - e_d)(0.5 + 0.0062u_2)$;

e_a = vapor pressure of air = $(e_{max} + e_{min})/2$, mbar;

e_d = vapor pressure at dewpoint temperature, mbar;

e_{max} = maximum vapor pressure of air during a day, mbar;

e_{min} = minimum vapor pressure of air during a day, mbar;

E_o = average free water surface evaporation rate, mm/day;

E_p = potential evaporation, mm;

ER = average effective monthly rainfall, cm;

EST = eastern standard time in United States;

ET = evapotranspiration, mm;

ET_p = potential evapotranspiration, mm;

$e(T)$ = saturated air vapor pressure as a function of air temperature, mb;

ET/ET_p = relative evapotranspiration during a given stage of physiological development;

F = soil water storage factor;

f = monthly evapotranspiration factor = $25.4 PD (1.8 T_m + 32)/100$;

G = soil heat flux density, $\text{cal/cm}^2 \cdot \text{day}$;

H = sensible heat flux density, $\text{cal/cm}^2 \cdot \text{day}$;