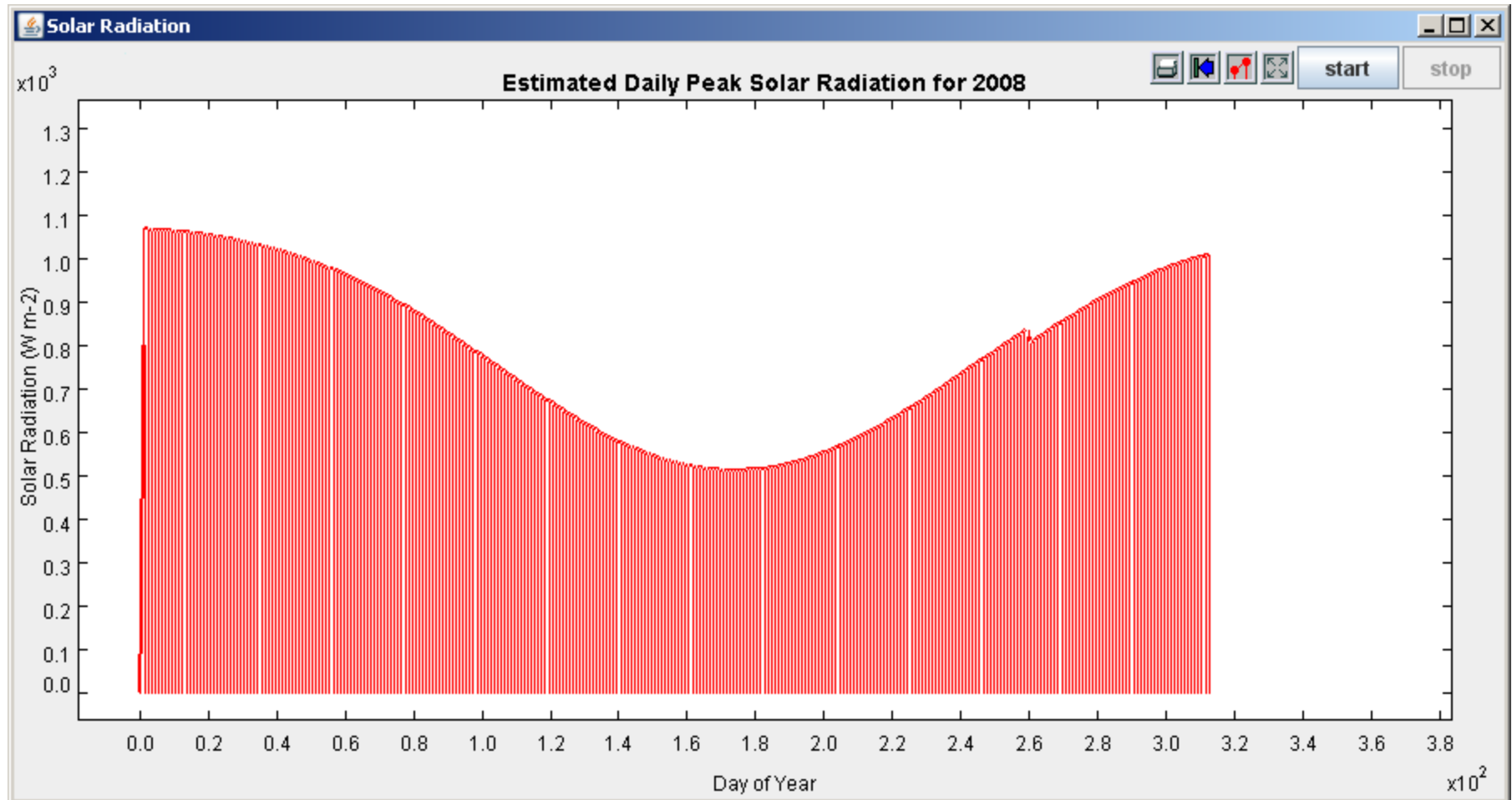


# Introducción a la Meteorología – Rad. Solar

## UCH/FCFM/DGF – R. Garreaud



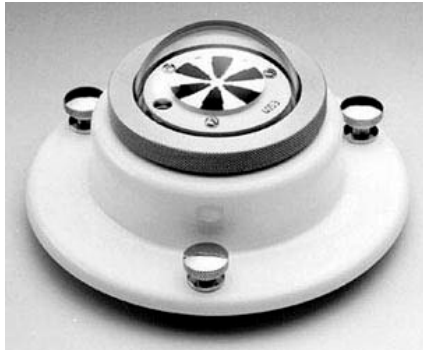
Introducción a la Meteorología – Rad. Solar  
UCH/FCFM/DGF – R. Garreaud



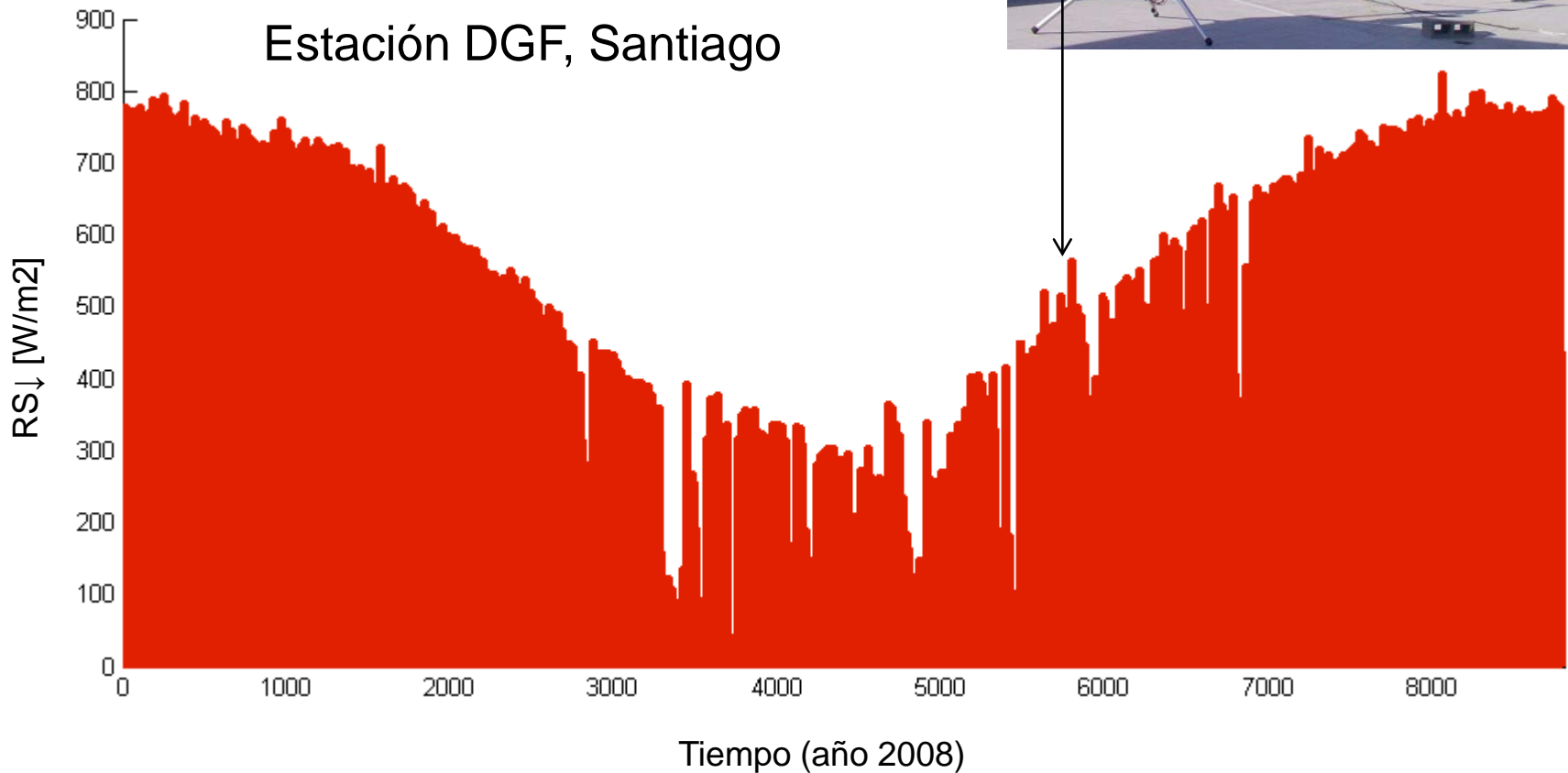
**Figura 1: Vista completa de la estación**

# Introducción a la Meteorología – Rad. Solar

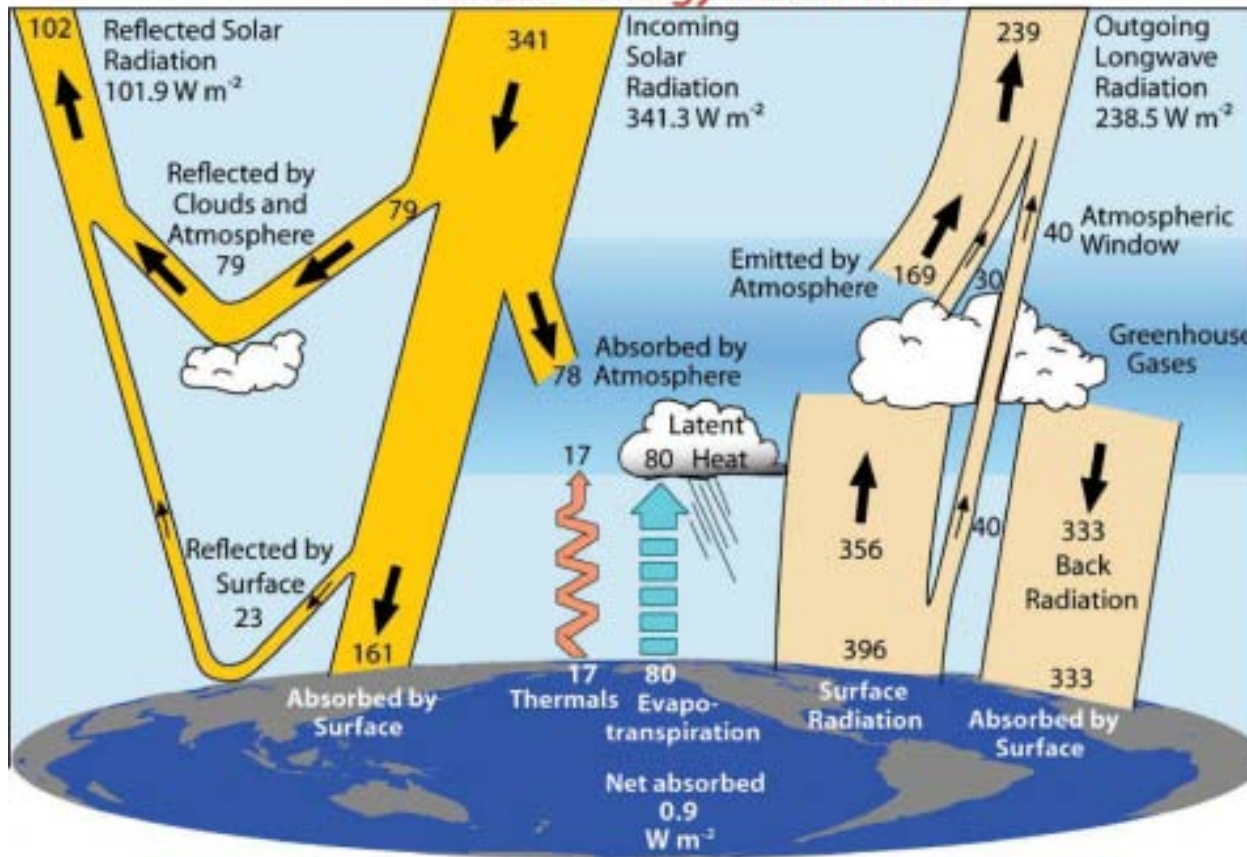
## UCH/FCFM/DGF – R. Garreaud



Estación DGF, Santiago



## Global Energy Flows $W m^{-2}$



$1 W m^{-2} \sim 1.07 mm/m^2$  per month...  $LE=80 \rightarrow 1 m/year$

Slide 20: Representative diurnal variation of the components of the surface energy balance for three locations

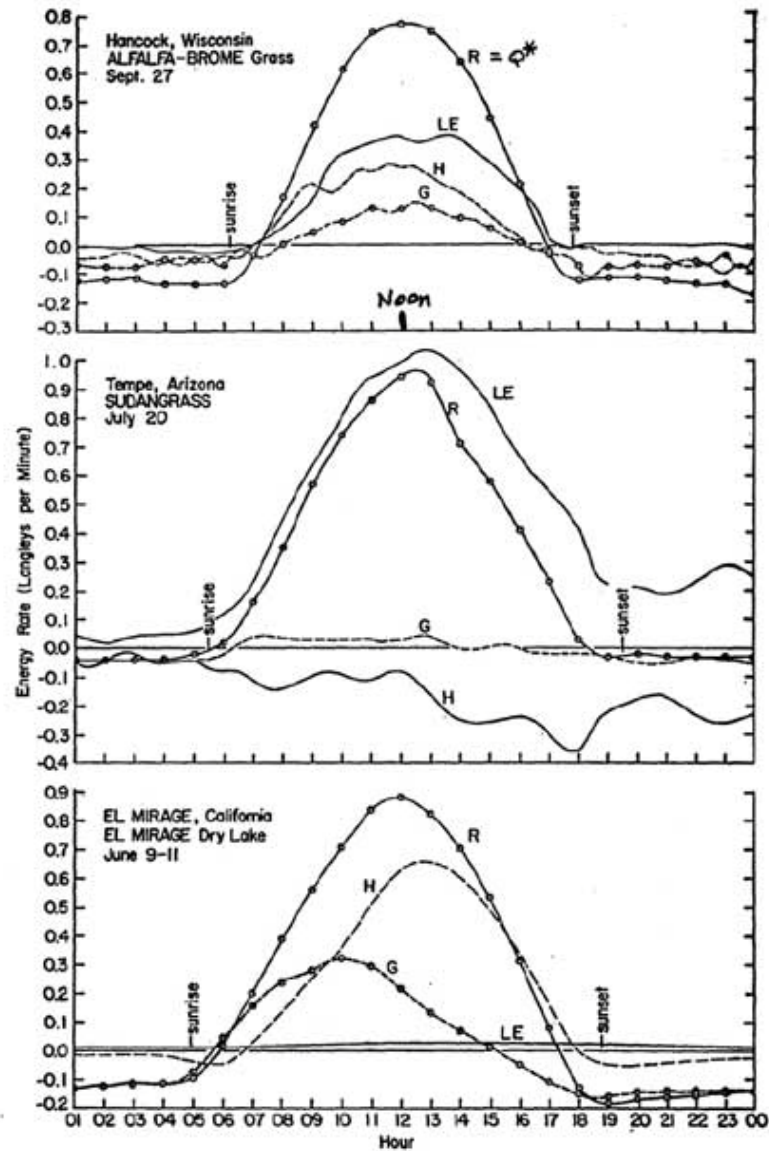
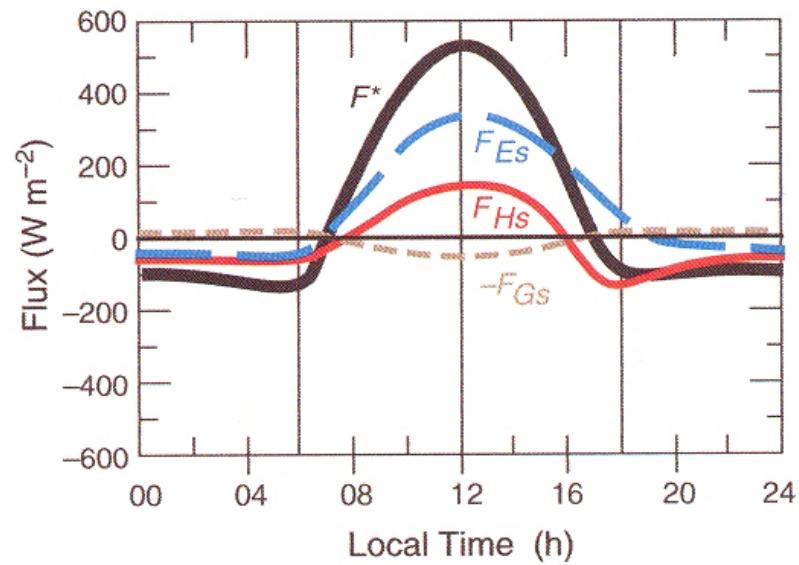
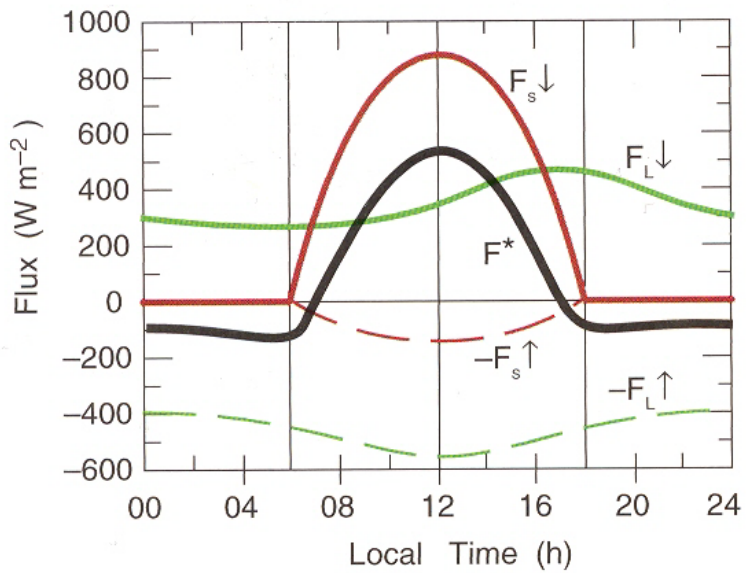
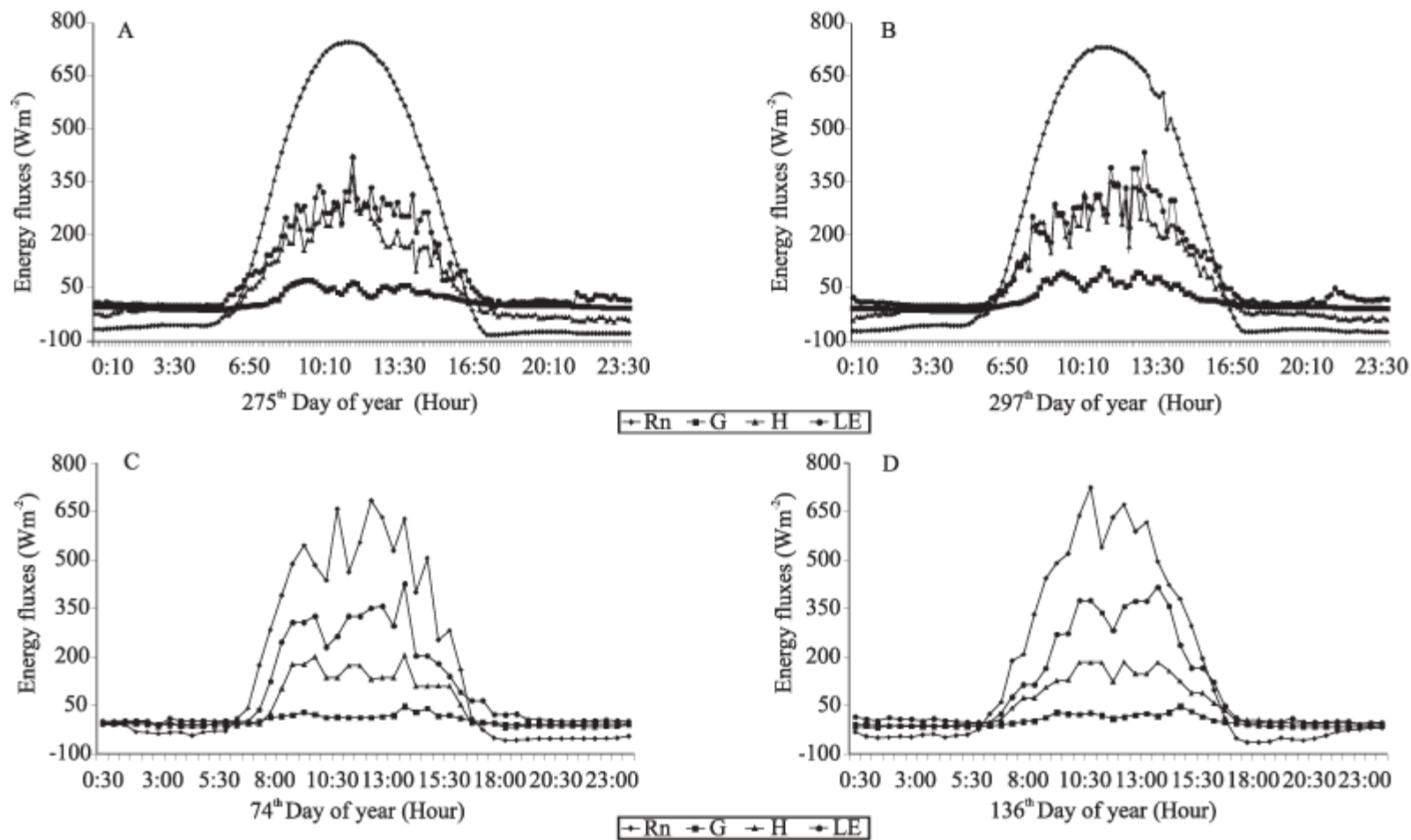


FIG. 33.—Average diurnal variation of the components of the surface energy balance over grass at Hancock, Wisconsin, and Tempe, Arizona, and over bare soil at El Mirage, California.







**Figure 3.** Energy balance components, net radiation (Rn), soil heat flux (G), sensible heat flux (H) and latent heat flux (LE), for four typical days, 275<sup>th</sup> and 297<sup>th</sup> (clear sky) day of year (DOY), in 2005, and 74<sup>th</sup> and 136<sup>th</sup> (cloudy) DOY in 2006, over an irrigated banana orchard.

# Estación Micro-met



# Estación Meteorologica



Cobertizo Meteorológico

