

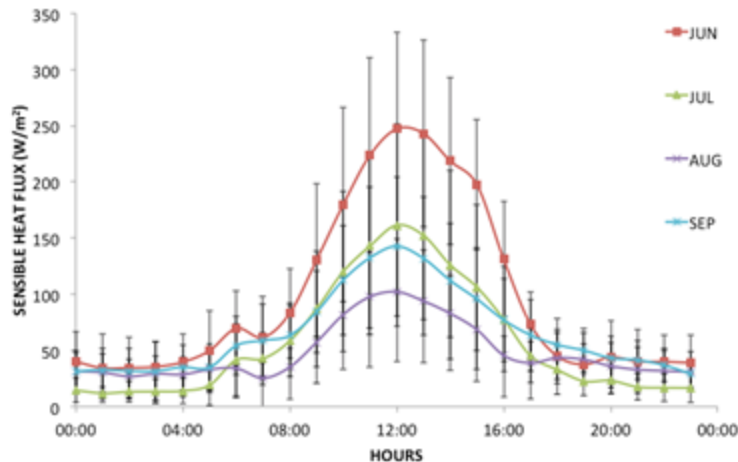
Large-area Energy Balance using Large Aperture Scintillometer (IIRS-IARI Collaborative Research)

Objectives

- To setup Large aperture Scintillometer at IARI farm for measurement of path-averaged fluxes (sensible heat & latent heat) over cropland
- To develop and test algorithm for estimating regional evapotranspiration from coarse resolution (Kalpana VHRR/MODIS algorithm) satellite data
- Strengthen capacity building and post-graduate research in the field of satellite agrometeorology



Diurnal Variation in sensible heat



Temporal variation over crop season cycle

