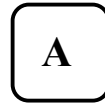


Create Climate files – Monthly time step



Environment

Site Location: Mansoura, Egypt
 Coordinates: Lat.: 31.05°N Long.: 31.38°E Alt.: 30 m
 Climate Average monthly data (see next page)



Steps

- Start the EToCalculator.
- In *Data base management*, create a new file (called “Mansoura”), describe the station and the meteorological parameters.
- In *Data and ETo menu*, specify the meteorological parameters monitored and the unit of measurement, then input the meteorological data.
- Calculate ETo and visualize results on graph.
- Export results (ETo and Temperature) in AquaCrop compatible format (Path: C:\..\AquaCrop\DATA).
- Close the EToCalculator.
- Start AquaCrop.
- In *Climate, Create a new Climate file* (called “Mansoura”).
- Select appropriate Temperature and ETo files (Path: C:\..\AquaCrop\DATA).
- Create Rainfall file (called “Mansoura”) through AquaCrop interface, by describing the meteorological data and typing the average monthly precipitation values.
- Save the Rain and Climate files.
- Display results through AquaCrop interface.

Files produced (Path: C:\..\AquaCrop\DATA)

Mansoura.ETO Mansoura.TMP
 Mansoura.PLU Mansoura.CLI

