



Practical Exercise on PC



Create Climate files – Daily time step

B

File required
SidiBennour.xls

Environment

Site	Location:	SidiBennour, Morocco		
	Coordinates:	Long.: 8.26 W	Lat.: 32.64 N	Alt.: 146 m
Climate	Daily data	30 Nov 1996 – 31 May 1997		
	Parameters	Hours of bright sunshine	[h]	
		Min & Max temperature	[°C]	
		Rainfall	[mm]	



Steps

- Import relevant climatic data from SidiBennour.xls in text file, and save it as *.CXT (Path: C:\..\EToCalc\IMPORT).
- Close all files and folders and start the EToCalculator.
- Import climatic data from file and calculate ETo.
- Export ETo and Temperature data in AquaCrop compatible files (called “SidiBennour”) (Path: C:\..\AquaCrop\DATA).
- Create AquaCrop rain file by modifying and existing *.PLU file (Path: C:\..\AquaCrop\DATA).
- Close all files and folders and start AquaCrop.
- Create AquaCrop climatic file by selecting appropriate temperature, ETo, and rainfall files (Path: C:\..\AquaCrop\DATA).

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

SidiBennour.ETO	SidiBennour.TMP
SidiBennour.PLU	SidiBennour.CLI