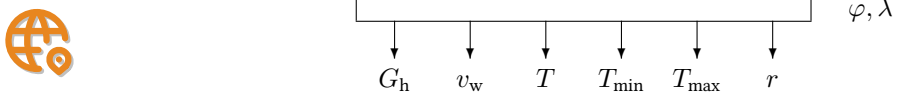
Block MTMLALO2

The MTMLALO2 block returns monthly mean values of meteorological data from the station of the INSEL weather database which is nearest to a location specified by latitude and longitude.

Internally, it simply calls MTMLALO which uses an old convention for timezone and longitude.



Name	MTMLALO2
Function	em0118
Inputs	1
Outputs	9
Parameters	2
Strings	0
Group	S

Inputs

1 Month $M \in [1, 12]$

Outputs

1 Global radiation G_h / $\mathrm{W\,m^{-2}}$ on a horizontal plane
2 Wind speed v_w / $\mathrm{m\,s^{-1}}$
3 Ambient temperature T / °C
4 Minimum ambient temperature $T_\mathrm{a,min}$ / °C
5 Maximum ambient temperature $T_\mathrm{a,max}$ / °C
6 Rain / mm
7 Annual mean ambient temperature / °C
8 Maximum ambient temperature difference / °C
9 Relative humidity

Parameters

1 Latitude $\varphi \in [-90°, +90°]$, northern hemisphere positive

2	Longitude $\lambda \in [-180°, 180°]$, east of Greenwich; values west of Greenwich may be used with a minus sign

Strings

None