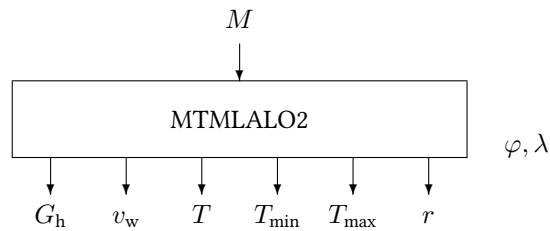


Block MTMLALO2

The MTMLALO2 block returns monthly mean values of meteorological data for a location specified by latitude and longitude interpolated from the inselWeather database.

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

Parameters

- 1 Latitude $\varphi \in [-90^{\circ}, +90^{\circ}]$, northern hemisphere positive

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

Strings

None
