

Wikiprint Book

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The *ECOMS useRportal* provides homogeneous access (through a single controlled vocabulary) to different datasets (particularly state-of-the-art seasonal forecasting hindcasts). However, only a reduced number of variables required by the different ECOMS activities (impact applications and downscaling studies) is provided by the portal. The following list of variables has been identified

<https://meteo.unican.es/trac/wiki/SpecsEuporias/EndUserNeeds>

Variable short name	Variable description	Frequency	Aggregation	Availability for the following datasets:			
				System4_seasonal_15	System4_seasonal_51	System4_annual_15	CFSv2_seasonal_16
tas	Surface (2m) air temperature	Daily	mean	Available	Available		Available
		Monthly	mean	x	x		x
tasmax	Maximum surface (2m) temperature	Daily	maximum	Available	Available	Available	Available
tasmin	Minimum surface (2m) temperature	Daily	minimum	Available	Available	Available	Available
pre	Total precipitation	Daily	Accumulated	Available	Available	Available	Available
		Monthly	Accumulated	x	x	x	x
		Daily	12 UTC (1)				x
psl	Air pressure at sea level	Daily	mean	Available	Available	x	Available
ps	Surface air pressure	Daily	mean				x
		Monthly	mean				x
sst	Sea surface temperature	Daily	mean	x	x	x	
wsp	Wind speed (at 10m)	Daily	mean	x	x	x	x
		Monthly	mean	x	x	x	x
wspmax	Wind speed (at 10m)	Daily	maximum	x	x	x	x
wgust	Wind gust	Daily	maximum	x	x		
tdps	Dew point temperature	Daily	mean	x	x		
mrso	Total soil moisture content	Daily	mean				x
huss	Surface (2m) specific humidity	Daily	mean				x
rsds	SW radiation incident at the surface	Daily	mean	x	x		x
rlds	LW radiation downward surface	Daily	mean	x	x		x
mrros	Surface runoff flux	Daily	accumulated	x	x		x
mrro	Runoff flux	Monthly	mean	x	x		
ssro	Sub-surface runoff rate	Daily	mean	x	x		
prsn	Snowfall flux	Daily	mean	x	x		
wchl	Water Content of Soil Layer	Daily	mean	x	x		
		Monthly	mean	x	x		
z850	Geopotential 850mb	Daily	mean	x	x	x	x
z925	Geopotential 925mb	Daily	mean	x	x		
ua850	850mb eastward wind	Daily	mean	x	x	x	x
va850	850mb northward wind	Daily	mean	x	x	x	x
ua925	925mb eastward wind	Daily	mean	x	x		x
va925	925mb northward wind	Daily	mean	x	x		x
zg700	Geopotential height at 700hPa	Daily	12 UTC	x	x	x	x
zg1000	Geopotential height at 1000hPa	Daily	12 UTC	x	x		x

(1) Accumulated in the previous 24h