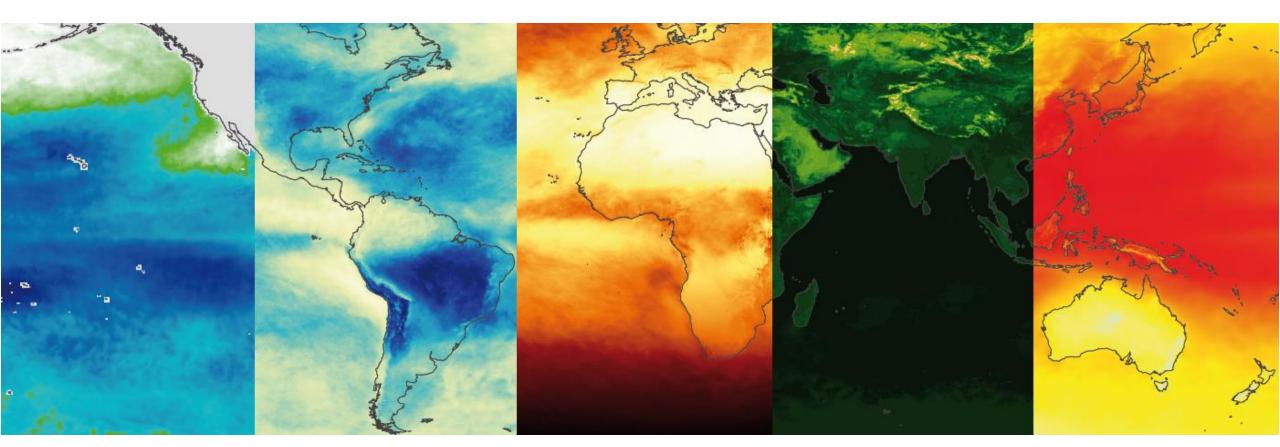




# Satellite Application Facility on Climate Monitoring - Data ordering -





# SARAH-2.1

### Variables

- → Global radiation (SIS)
   → Surface direct irradiance (SDI)
- → Spectral resolved irradiance (SRI)

### Resolution

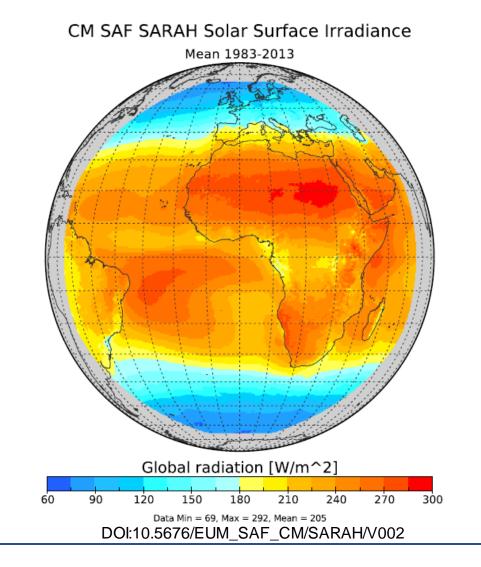
- → Spatial: 0.05° × 0.05°
- Temporal: 30 min instantaneous, daily-, monthly means

# → Coverage

- → Spatial: Meteosat disk
- → Temporal: 1983 to 2017

### Satellites

→ Meteosat 2 to 10 (MVIRI/SEVIRI)



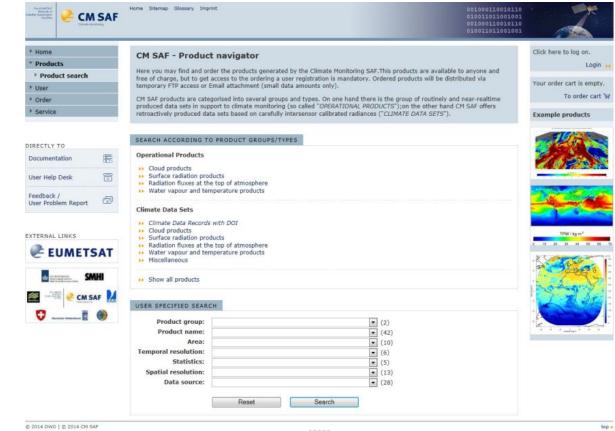




# **Data Access**

#### Web User Interface $\rightarrow$

- Easy selection and online ordering
- Possibility of regular data delivery
- Postprocessing
  - → Spatial, temporal selection
- Data format (NetCDF)
- Download via https or sftp
- → All data free of charge
- **User Help Desk**  $\rightarrow$



# https://wui.cmsaf.eu







### Registration

Register once for free at https://wui.cmsaf.eu

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### Login

Login with your Username and password

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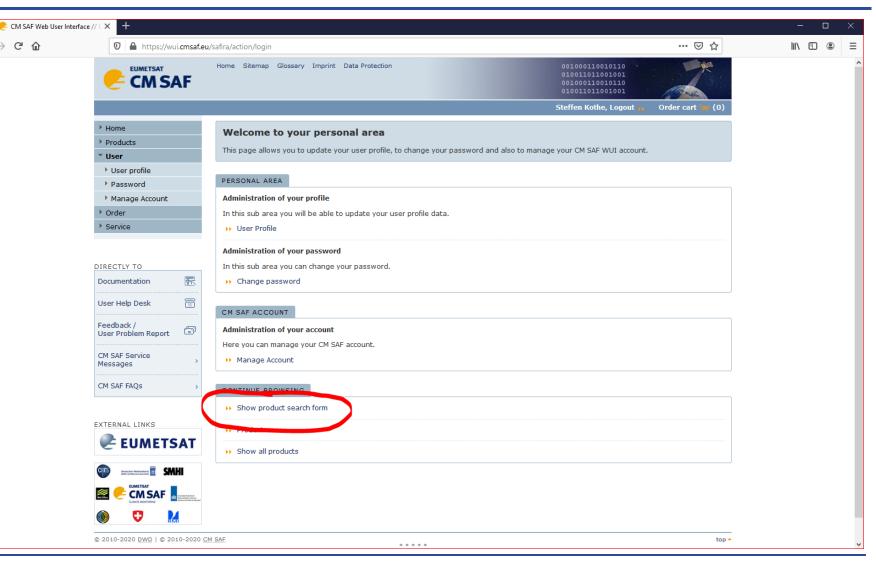


### **Product Search**

Go to Product search Form

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### **Product Search Form**

Search for your product:

e.g., you are looking for SARAH2.1 surface radiation: Product family = **SARAH ed. 2.1**, Product name = **SIS** 

Click on Show

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DIRECTLY TO Documentation 문 User Help Desk 音	to anyone and are free of charge, but to get access to the ordering a user registration is mandatory. Ordered products will be distributed from our data server via <u>HTTPS</u> or <u>SFTP</u> or as Email attachment (small data amounts only). <u>CM SAF</u> products are categorised into several groups and types. On one hand there is the group of routinely and near-realtime produced data records in support to climate monitoring, so called " <b>Operational Products</b> " ( <u>EDRs</u> and <u>ICDRs</u> ). On the other hand <u>CM SAF</u> offers retroactively produced climate data records based on carefully intersensor calibrated radiances, so called " <b>Climate Data Records</b> " ( <u>TCDRs</u> and <u>FCDRs</u> ).	TPW / kg m <sup>4</sup>	^
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EXTERNAL LINKS	>> Show all products		
	ADVANCED SEARCH  Product group:  SARAH ed. 2.1  (1)  Product family:  SARAH ed. 2.1  (7)  Product name:  SIS - Surface incoming shortwave radiation  (6), Area:  (1)  Temporal resolution:  (3)  Statistics:  (2)  Spatial resolution:  (1)  Platform:  (2)  Temporal coverage:  from  to  Result: 3 Reset Show		
	SEARCH PROFILE As a registered user you can define and administrate search profiles to simplify the access to frequently		
	searched products current search profile:		
	existing search profiles: • Select-		







### List of products

Choose the product in the list and keep an eye on the correct temporal resolution

e.g., SARAH2.1 contains monthly, daily and instantaneous (30 min) SIS

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	SIS	Surface incoming shortwave radiation	SARAH ed.	MVIRI/SEVIRI on METEOSAT	Daily	Mean	MSG full disk (includes Europe Afrika, Atlantic Ocean)	′ 💊 🦋
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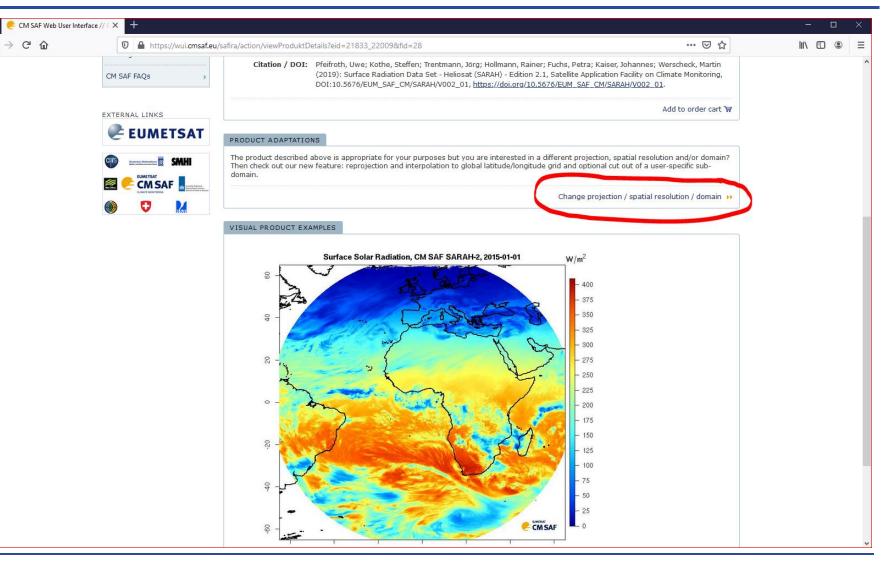




### **Change projection**

In order to reduce the data amount you should restrict the area to the one you're looking for

Click on Change projection...









### **Change projection**

Choose your region by drawing a rectangle or giving coordinates

Go on by clicking *Proceed to* time range selection

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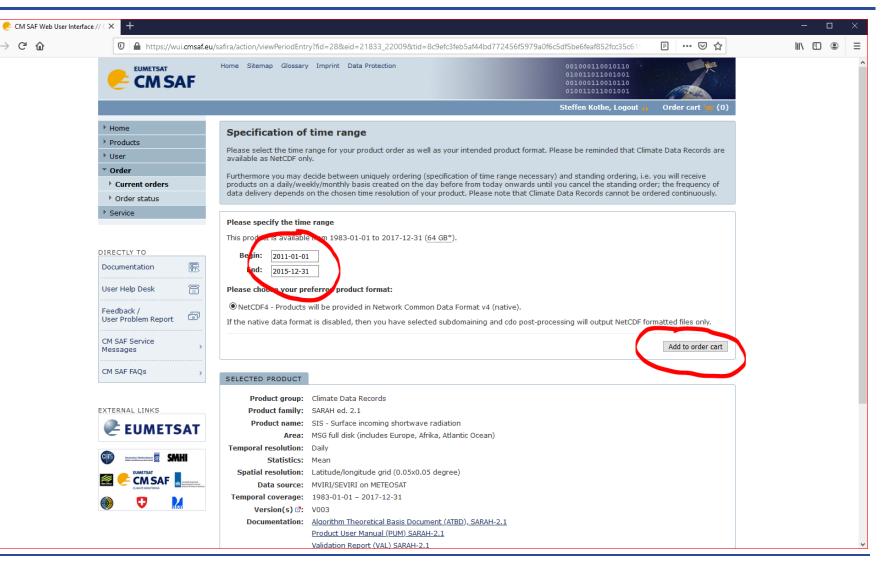




#### **Choose time range**

Choose the time range and keep in mind the longer the time period the larger the data amount

Go on by clicking Add to order cart





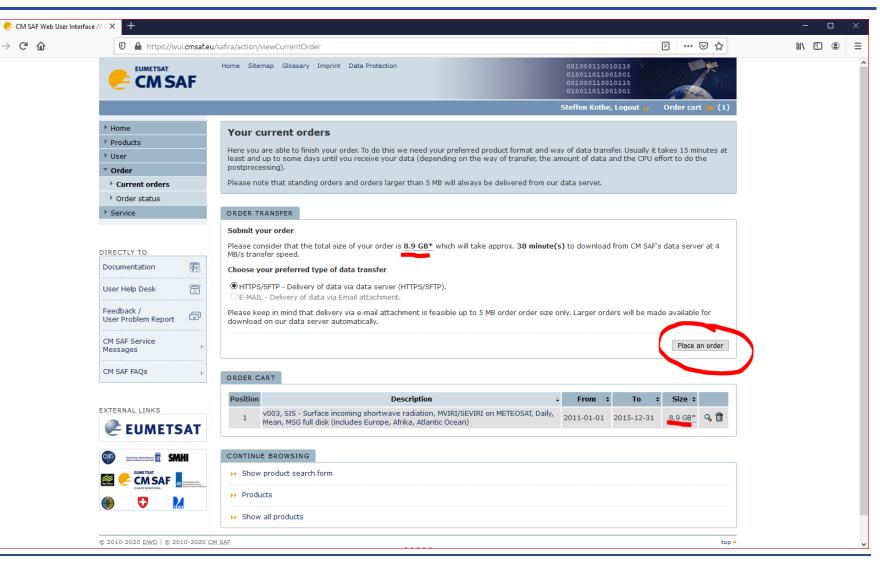




#### **Place order**

If you're happy with your choice click on *Place an order* 

The shown data size does not account for a reduced area and is properly much smaller in the end







# Questions

➔ In case of questions ask our User Help Desk



