

Theme	Data access on FTP site										Notes
	Product	Naming	Scientific Domain	Geographical Cover	Arborescence (in relative)						
					Collection	Class	Product Type	Year	Month	Day number in the year	
Common products	Daily global polarised brightness temperature product (arranged by incidence angle values) only in full polarization This product is a daily product. It includes all brightness temperatures acquired that day, at top of atmosphere level, transformed to ground polarisation reference frame, binned and averaged into fixed angle classes. Ascending and descending orbits are processed separately, and only in full polarisation.	SM_CLAS_MIR_PRODUC_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - SM : related to SMOS mission - CLAS : File Class (OPER : operational mode; RExx : reprocessing xx) - MIR (File Category) : MIRAS - PRODUC : product specific (see below for each product) - yyyyymmddThhmmss : sensing start time of the data contained in the product - YYYYMMDDTHHMMSS : sensing stop time of the data contained in the product - vvv : version number of the processor generating the product - ccc : file counter (used to make distinction among products having all other filename identifiers identical). 7 : means data site CATDS-C-PDC	Common_products (SMOS)	GRIDDED	L3	RE04 OPER	MIR_CDF3T[AD]	{year}		{day}	RE04 : 2010 => 08/05/2015 OPER : 09/05/2015 => ongoing
	RFI probability product, only in full polarization Monthly Multi-angular RFI probability : this is the radio frequency interference (RFI) probability for each angle bin computed daily and based on a monthly moving window average. This filtering uses the L3 TB.	SM_CLAS_MIR_CDF3Rx_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CDF3Rx : - C means that the data comes from CATDS - D for daily data - F for full polarisation - 3T means L3 polarised brightness temperature product - x= "A" for data from ascending orbit; "D" for data from descending orbit	Common_products (SMOS)	GRIDDED	L3	RE04 OPER	MIR_CDF3R[AD]	{year}		{day}	RE04 : 2010 => 09/04/2015 OPER : 10/04/2015 => ongoing
Soil Moisture products	1 day global map of Soil Moisture Values (P11p) This product is the daily product, and contains filtered data. The best estimation of soil moisture is selected for each node when several multi-orbit retrievals are available for a given day. A detection of particular events is also performed in order to flag the data. Ascending and descending orbits are still processed separately. The aggregated products are generated from this fundamental product.	SM_CLAS_MIR_CLF31x_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CLF31x : - C means that the data comes from CATDS - L for land data - F for full polarisation - 31: for SM, it means 1 day global map (L3 P11p product) - x= "A" for data from ascending orbit; "D" for data from descending orbit	Land_products (SM)	GRIDDED	L3SM	RE04 OPER	MIR_CLF31[AD]	{year}		{day}	RE04 : 2010 => 05/05/2015 OPER : 06/05/2015 => ongoing
	Global L3 Soil Moisture products, 3 days global map The 3-day global product of soil moisture is an aggregation of daily global maps of soil moisture and its associated parameters over a 3 day moving window. The whole Earth's surface is covered in this 3-day product. The distinction between ascending and descending orbits is kept (no ascending/descending orbits aggregation).	SM_CLAS_MIR_CLF33x_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CLF33x : - C means that the data comes from CATDS - L for land data - F for full polarisation - 33: for SM, it means 3 days global map (L3 P1 product) - x= "A" for data from ascending orbit; "D" for data from descending orbit	Land_products (SM)	GRIDDED	L3SM	RE04 OPER	MIR_CLF33[AD]	{year}	{month}		RE04 : 2010 => 04/05/2015 OPER : 05/05/2015 => ongoing
	Dielectric constant maps, 3 days global map The 3-day global product of dielectric constant is an aggregation of daily global maps of dielectric constant and its associated parameters over a 3 day moving window. The whole Earth's surface is covered in this 3-day product. The distinction between ascending and descending orbits is kept (no ascending/descending orbits aggregation).	SM_CLAS_MIR_CLF3Ex_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CLF3Ex : - C means that the data comes from CATDS - L for land data - F for full polarisation - 3E: for SM, it means dielectric constant map (L3 P4 product) - x= "A" for data from ascending orbit; "D" for data from descending orbit	Land_products (SM)	GRIDDED	L3SM	RE04 OPER	MIR_CLF3E[AD]	{year}	{month}		RE04 : 2010 => 04/05/2015 OPER : 05/05/2015 => ongoing
	Global L3 SM products, 10 days global map The 10-day global product is a decade aggregation of daily global maps. It contains minimum, maximum and median values of soil moisture and its associated parameters over the decade. The distinction between ascending and descending orbits is kept (no ascending/descending orbits aggregation).	SM_CLAS_MIR_CLF3Dx_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CLF3Dx : - C means that the data comes from CATDS - L for land data - F for full polarisation - 3D: for SM, it means 10 days global map (L3 P2 product) - x= "A" for data from ascending orbit; "D" for data from descending orbit	Land_products (SM)	GRIDDED	L3SM	RE04 OPER	MIR_CLF3D[AD]	{year}	{month}		RE04 : 2010 => 10/05/2015 OPER : 11/05/2015 => ongoing
	Global L3 SM products, monthly global map The monthly global product is a monthly aggregation of daily global maps. It provides the mean soil moisture, vegetation optical thickness, RFI statistics over a month, without taking into account the detected events in the daily product. It can be useful for climate monitoring. The distinction between ascending and descending orbits is kept (no ascending/descending orbits aggregation).	SM_CLAS_MIR_CLF3Mx_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CLF3Mx : - C means that the data comes from CATDS - L for land data - F for full polarisation - 3M: for SM, it means 1 month global map (L3 P3 product) - x= "A" for data from ascending orbit; "D" for data from descending orbit	Land_products (SM)	GRIDDED	L3SM	RE04 OPER	MIR_CLF3M[AD]	{year}	{month}		RE04 : 2010 => 04/2015 OPER : 05/2015 => ongoing
Ocean Salinity products	Intermediate product OS L2Q - Valid Debiased Ocean Salinity values This product has the same format as the L2P product, with SSS corrected from coastal bias and latitudinal bias. An additional field qualifies the corrected SSS with the information from AUX_MINMAX.	SM_CLAS_MIR_CSF2Qx_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CSF2Qx : - C means that the data comes from CATDS - S for sea data - F for full polarisation - 2Q means Intermediate product OS L2Q - x= "A" for data from ascending orbit; "D" for data from descending orbit	Ocean_products (OS)	GRIDDED	L3OS	RE06 OPER	MIR_CSF2Q[AD]	{year}		{day}	RE06 : 2010 => 30/04/2019 OPER : 01/05/2019 => ongoing
	L3 OS product L3Q - Average Debiased Salinity values Average debiased (coastal & latitudinal biases) 10 days & monthly salinity field based on L2Q products, at 2 spatial resolutions (25km, 50km)	SM_CLAS_MIR_CSQ3r_yyyyymmddThhmmss_YYYYMMDDTHHMMSS_vvv_ccc_7 - CSQ3r : - C means that the data comes from CATDS - S for sea data - Q3: means L3 OS debiased product in full polarisation only - r = "A" for 25km, "B" for 50km - for mixed orbits (ascending + descending)	Ocean_products (OS)	GRIDDED	L3OS	RE06 OPER	MIR_CSQ3A_ MIR_CSQ3B_	{year}	{month}		RE06 : 2010 => 30/04/2019 OPER : 01/05/2019 => ongoing