

Products availability and dissemination methods

ERS-2 GOME Reprocessed datasets						
Product	Product acronym	Temporal coverage	Processor	Format	Distribution	Dataset files/size
Level 1 Fully calibrated and Geo-located Earthshine spectral radiance.	ER2_RPRO_GOM_L1B	Full Mission	v 5.1	netCDF	FTP server (permanent) Released 2018	75286 3.3 TB
Level 2 Total column amount of O3 and NO2 and cloud products.	GOME_O3-NO2_L2	Full Mission	GDP 5.0	HDF-5	FTP server (permanent) Released 2012	72861 0.08 TB
Level 3 Total column water vapour time series from ERS-2 GOME, Envisat SCIAMACHY and MetOp-A GOME-2	GOME_Evl_ClimateProd	Multi-sensor product from July 1995 to December 2015	Details in Beirle et al., 2018	netCDF	FTP server (permanent) Released 2018	1 225 MB