



**Catalogue of MARS GIS layers for WP 5.1.2 -
groundwater analyses, version 2:
rasterised meteorological data for the period
2001-2010**
















**Data available in
"mars_gwb_20160623.gdb" as
ESRI GEODATABASE format at:
http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/**

WP 5.1.1 and 5.1.2

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23.6.2016

- [-]  mars_gwb_20160623.gdb
 - [+]  m_pp_2001_2010_1km2
 - [+]  m_pp_djf_2001_2010_1km2
 - [+]  m_pp_jja_2001_2010_1km2
 - [+]  m_pp_mam_2001_2010_1km2
 - [+]  m_pp_son_2001_2010_1km2
 - [+]  m_pp1_2001_2010_1km2
 - [+]  m_pp7_2001_2010_1km2
 - [+]  m_t_2001_2010_1km2
 - [+]  m_t_djf_2001_2010_1km2
 - [+]  m_t_jja_2001_2010_1km2
 - [+]  m_t_mam_2001_2010_1km2
 - [+]  m_t_son_2001_2010_1km2
 - [+]  m_t1_2001_2010_1km2
 - [+]  m_t7_2001_2010_1km2

Title	Average yearly precipitation 2001 – 2010 on 1 km² grid
Name of feature class	m_pp_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average yearly precipitation for period 2001-2010 [mm]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	

Title	Average January monthly precipitation 2001 - 2010 on 1 km² grid
Name of feature class	m_pp1_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average January monthly precipitation for period 2001-2010 [mm]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	

Title	Average July monthly precipitation 2001 - 2010 on 1 km² grid
Name of feature class	m_pp7_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average July monthly precipitation for period 2001-2010 [mm]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	

Title	Average winter precipitation 2001 – 2010 on 1 km² grid
Name of feature class	m_pp_djf_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average winter 3 months precipitation for period 2001-2010 [mm]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	Average winter precipitation for period 2001 – 2010 is sum of three winter months (December, January and February) average monthly precipitation.

Title	Average spring precipitation 2001 – 2010 on 1 km² grid
Name of feature class	m_pp_mam_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average spring 3 months precipitation for period 2001-2010 [mm]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	Average spring precipitation for period 2001 – 2010 is sum of three spring months (March, April, May) average monthly precipitation.

Title	Average summer precipitation 2001 – 2010 on 1 km² grid
Name of feature class	m_pp_jja_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average summer 3 months precipitation for period 2001-2010 [mm]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	Average summer precipitation for period 2001 – 2010 is sum of three summer months (June, July, August) average monthly precipitation.

Title	Average autumn precipitation 2001 – 2010 on 1 km² grid
Name of feature class	m_pp_son_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average autumn 3 months precipitation for period 2001-2010 [mm]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	Average autumn precipitation for period 2001 – 2010 is sum of three autumn months (September, October, November) average monthly precipitation.

Title	Average yearly temperature 2001 – 2010 on 1 km² grid
Name of feature class	m_t_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average yearly temperature for period 2001-2010 [°C]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	

Title	Average January monthly temperature 2001 – 2010 on 1 km² grid
Name of feature class	m_t1_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average January monthly temperature for period 2001-2010 [°C]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	

Title	Average July monthly temperature 2001 – 2010 on 1 km² grid
Name of feature class	m_t7_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average July monthly temperature for period 2001-2010 [°C]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	

Title	Average winter temperature 2001 – 2010 on 1 km² grid
Name of feature class	m_t_djf_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average winter 3 months temperature for period 2001-2010 [°C]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	Average winter temperature for period 2001 – 2010 is average of three winter months (December, January and February) average monthly temperature.

Title	Average spring temperature 2001 – 2010 on 1 km² grid
Name of feature class	m_t_mam_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average spring 3 months temperature for period 2001-2010 [°C]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
Dataset Location	mars_gwb_20160623.gdb http://www3.fgg.uni-lj.si/~mars/MARS_GWB_20160623/
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Additional Information, Comments	Average spring temperature for period 2001 – 2010 is average of three spring months (March, April, May) average monthly temperature.

Title	Average summer temperature 2001 – 2010 on 1 km² grid
Name of feature class	m_t_jja_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average summer 3 months temperature for period 2001-2010 [°C]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
Spatial Resolution / Equivalent Scale	1 km × 1 km
Spatial Extent	MARS geodatabase extent
Distribution Format	ESRI geodatabase raster dataset
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Additional Information, Comments	Average summer temperature for period 2001 – 2010 is average of three summer months (June, July, August) average monthly temperature.

Title	Average autumn temperature 2001 – 2010 on 1 km² grid
Name of feature class	m_t_son_2001_2010_1km2
Current version	1.0
Status	
Creation / Publication Date / Last Update	23.6.2016
Abstract / Definition	average autumn 3 months temperature for period 2001-2010 [°C]
Author / Custodian / Contact	University of Ljubljana
Maintenance / Planned Update	
Spatial representation type	raster
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Data Sources	JRC Agri4Cast Data Portal (NetCDF Lat-Lon regular grid Meteorological data in Europe): http://agri4cast.jrc.ec.europa.eu/DataPortal/Index.aspx?o=m_geodatabase_extent
Additional Information, Comments	Average autumn temperature for period 2001 – 2010 is average of three autumn months (September, October, November) average monthly temperature.