

Accessing TAMSAT Version 3.0 Rainfall Estimates

(June 2017)

The TAMSAT v3.0 rainfall estimates can be downloaded using the following links. These links download a zipped folder (one for each year, currently 1983 to 2017) containing netCDF files for each product, separated into monthly directories.

Rainfall Estimates*

Time step	Link
<i>daily</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_daily_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_daily_<year>.zip
<i>pentadal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_pentadal_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_pentadal_<year>.zip
<i>dekadal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_dekadal_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_dekadal_<year>.zip
<i>monthly</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_monthly_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_monthly_<year>.zip
<i>seasonal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_seasonal_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe_seasonal_<year>.zip

* <year> is 4 digits, e.g. 2016

Rainfall Anomalies

Time step	Link
<i>pentadal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_pentadal_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_pentadal_<year>.zip
<i>dekadal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_dekadal_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_dekadal_<year>.zip
<i>monthly</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_monthly_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_monthly_<year>.zip
<i>seasonal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_seasonal_<year>.zip">www.tamsat.org.uk/public_data/TAMSAT3/zip/TAMSATv3.0_rfe-anom_seasonal_<year>.zip

Rainfall Climatologies (1983-2012)* [these links download individual netCDF files]

Time step	Link
<i>pentadal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>-pt<pentad>_clim.v3.nc">www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>-pt<pentad>_clim.v3.nc
<i>dekadal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>-dk<dekad>_clim.v3.nc">www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>-dk<dekad>_clim.v3.nc
<i>monthly</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>_clim.v3.nc">www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>_clim.v3.nc
<i>seasonal</i>	<a href="http://www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>_seas_clim.v3.nc">www.tamsat.org.uk/public_data/TAMSAT3/clim/<month>/rfe1983-2012_<month>_seas_clim.v3.nc

* <month> is 2 digits, e.g. '01' for January, '02' for February, etc.

<pentad> is 1 digit, e.g. 1 to 6

<dekad> is 1 digit, e.g. 1 to 3

Important notes

- The zipped folder for the current year is updated daily (if new products are available).
- Seasonal products are created for Dec-Jan-Feb (DJF), Mar-Apr-May (MAM), Jun-Jul-Aug (JJA) and Sep-Oct-Nov (SON) and are contained in the monthly directory corresponding to the end of the season (e.g. DJF products and climatologies are found in February's directory).
- There are unfilled missing days (due to missing satellite imagery) and the cumulative products are not calculated if there is even a single day missing (these will eventually be filled in – check the TAMSAT website (<http://www.tamsat.org.uk>) for updates).