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Copernicus Data and Exploitation Platform – Deutschland

Temporal Feature Extraction Products

Date: 26.04.2018

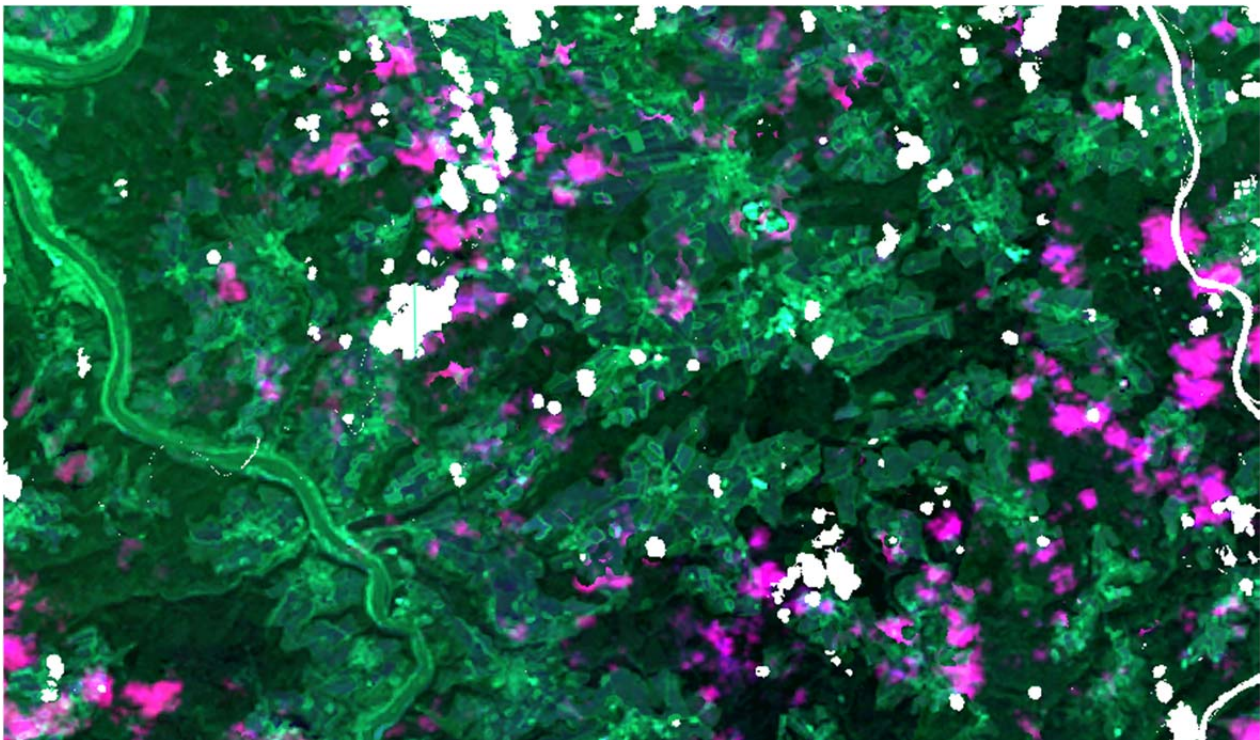
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1.1 Introduction

CODE-DE provides temporal feature extraction products with a DLR processor. Each such product covers one Sentinel2- Level 1C UTM tile and is generated based on all Sentinel-2 Level 1C Products of the UTM tile of one year, which is available via CODE-DE, too.

This product calculates min, max and average values for each of the 13 Sentinel-2 bands and three indices, namely NDVI, NDWI, and SWIR32 plus two quality layers.



1.2 Product Folder

Temporal Feature Extraction products on all UTM tiles covering Germany tiles will be made available for 2017 and 2018. The temporal feature extraction product folder is <YEAR>.

1.3 Product Name

The temporal feature extraction product name is
S2_DLR_<Year>_N<VERSION>_T<UTM_TILE>_<PROCESSING_TIME>.tif.

1.4 Product Format

The temporal feature extraction product format consists of one GeoTIFF with 66 bands.

The bands comprise:

- Band_1=Max Band_1
- Band_2=Min Band_1
- Band_3=Mean Band_1
- Band_5=MASD Band_1
- Band_6=Max Band_2
- Band_7=Min Band_2
- Band_8=Mean Band_2
- Band_9=SD Band_2
- Band_10=MASD Band_2
- Band_11=Max Band_3
- Band_12=Min Band_3
- Band_13=Mean Band_3
- Band_14=SD Band_3
- Band_15=MASD Band_3
- Band_16=Max Band_4
- Band_17=Min Band_4
- Band_18=Mean Band_4
- Band_19=SD Band_4
- Band_20=MASD Band_4
- Band_21=Max Band_5
- Band_22=Min Band_5
- Band_23=Mean Band_5
- Band_24=SD Band_5
- Band_25=MASD Band_5
- Band_26=Max Band_6
- Band_27=Min Band_6
- Band_28=Mean Band_6



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- Band_29=SD Band_6
- Band_30=MASD Band_6
- Band_31=Max Band_7
- Band_32=Min Band_7
- Band_33=Mean Band_7
- Band_34=SD Band_7
- Band_35=MASD Band_7
- Band_36=Max Band_8
- Band_37=Min Band_8
- Band_38=Mean Band_8
- Band_39=SD Band_8
- Band_4=SD Band_1
- Band_40=MASD Band_8
- Band_41=Max Band_9
- Band_42=Min Band_9
- Band_43=Mean Band_9
- Band_44=SD Band_9
- Band_45=MASD Band_9
- Band_46=Max Band_10
- Band_47=Min Band_10
- Band_48=Mean Band_10
- Band_49=SD Band_10
- Band_50=MASD Band_10
- Band_51=Max Band_11
- Band_52=Min Band_11
- Band_53=Mean Band_11
- Band_54=SD Band_11
- Band_55=MASD Band_11
- Band_56=Max Band_12
- Band_57=Min Band_12
- Band_58=Mean Band_12
- Band_59=SD Band_12
- Band_60=MASD Band_12





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- Band_61=Max Band_13
- Band_62=Min Band_13
- Band_63=Mean Band_13
- Band_64=SD Band_13
- Band_65=MASD Band_13
- Band_66=Valid Inputs

1.5 Terms and Conditions

The same terms and conditions as for Sentinel-2 Level 1C Products apply.

