

1.
SENTINEL-2 / LEVEL 1C
Granule T36NTJ
Aquisition Date 13 Feb 2016

S2A_OPER_SI_L1C_TL_SGS__20160213T135037_A003364_T36NTJ

BAND COMBINATION 4-3-2 (NATURAL COLOR)

2.
SENTINEL-2 / LEVEL 1C
Granule T36NTJ
Aquisition Date 13 Feb 2016

S2A_OPER_SI_L1C_TL_SGS__20160213T135037_A003364_T36NTJ

BAND COMBINATION 3-7-10 (URBAN BUILT)

3.
SENTINEL-2 / LEVEL 1C
Granule T36NTJ
Aquisition Date 13 Feb 2016

S2A_OPER_SI_L1C_TL_SGS__20160213T135037_A003364_T36NTJ

BAND COMBINATION 8-4-3 (VEGETATION)

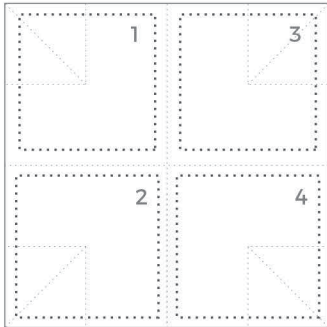
4.
SENTINEL-2 / LEVEL 1C
Granule T36NTJ
Aquisition Date 09 Dec 2016

L1C_T36NTJ_A007654_20161209T082354

BUILT-UP AND ROADS FOOTPRINT
obtained through satellite image classification



1. ARUA
Bounds 30.868, 2.980, 30.962, 3.073
SATELLITE IMAGE - NATURAL COLOR
2. SATELLITE IMAGE - FALS COLOR
useful for examining urban areas
3. SATELLITE IMAGE - INFRARED
useful for examining the health of
natural vegetation and agricultural crops
4. ROADS AND BUILT-UP MASK
BY SATELLITE IMAGE CLASSIFICATION



SENTINEL-2 BANDS		
	Central Wavelength	Resolution
	[micrometers]	[meters]
Band 1	Coastal aerosol	0.443
Band 2	Blue	0.490
Band 3	Green	0.560
Band 4	Red	0.665
Band 5	Vegetation Red Edge	0.705
Band 6	Vegetation Red Edge	0.740
Band 7	Vegetation Red Edge	0.783
Band 8	NIR	0.842
Band 8A	Vegetation Red Edge	0.865
Band 9	Water vapour	0.945
Band 10	SWIR - Cirrus	1.375
Band 11	SWIR	1.610
Band 12	SWIR	2.190

ARUA - GATE CITY

ARUA

SYNTHETIC MAP
PROTECTION MAP / URBAN DNA
REMOTE SENSING APPLICATIONS

UGANDA, ARUA
SCALE 1: 50,000

EPSG projection 4326

Datum WGS84
Spheroid WGS84

DATA SOURCES
Copernicus Sentinel data 2017



Department of Architecture and Urban Studies
MSLab - Measure and Scale of Contemporary City
Antonella Contin
Alessandro Musetta

september 2017

