CHAD
Bongor / Djoumane area, Tandjilé / Mayo-Kebbi Est Regions
Imagery analysis: 05 October 2017 | Published 10 October 2017 | Version 1.0

Flood

FL20170000926TCD

United Nations Institute for Training and Research

UNOSAT

Satellite Detected Surface Waters in D'joumane/Bongor areas, Chad

This map illustrates the satellite-detected surface water extent over D'joumane/Bongor and surroundings in Chad along the Logone River as observed from the Radarsat-2 SAR image acquired on 5 October 2017. The analysis of the image indicate that localized standing flood water with very little impact on population and agriculture area. Within the analyzed area (11,680 km2), 15,331 ha of surface water extent was observed of which 6667 ha in Chad and 8664 ha in Cameroon. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.
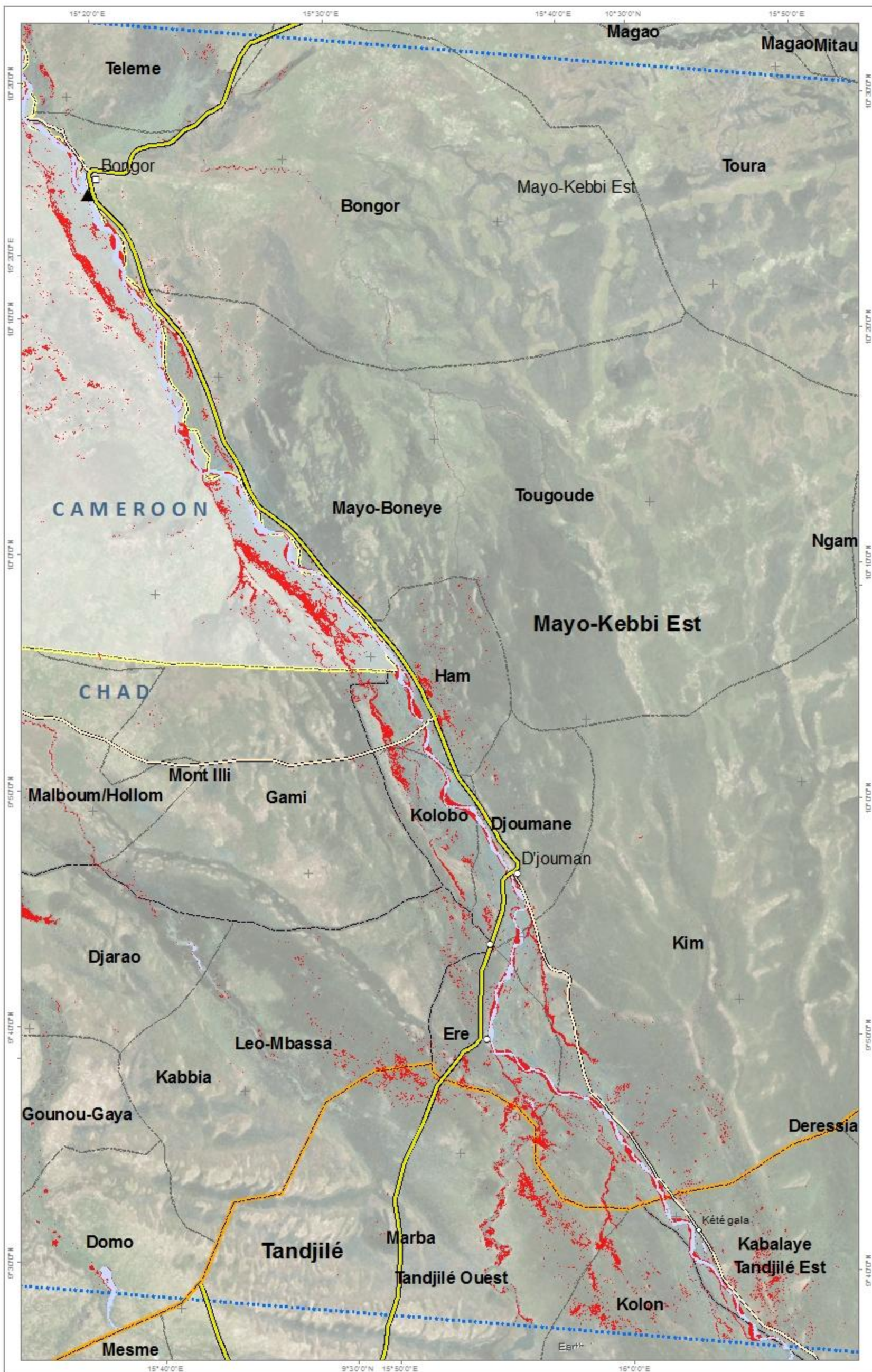
Legend

- ▢ City/Town
- ○ Locality/Village
- ▲ Gauge station
- ▬ Primary road
- ── Secondary road
- Reference water
- Satellite detected waters [05/10/2017]
- International boundary
- Region boundary
- Department boundary
- Sub-prefecture
- Analysis extent

Map Scale for A3: 1:325,000

0   3   6   9   12 Km

Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 33N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

Satellite Data (1): Radarsat-2
Imagery Dates: 05 October 2017
Resolution: 12 m
Copyright: MacDonald, Dewitter and Associates, Ltd. (2017)
Source: Ksat

Gauge stations: Ministère de l'Eau et de l'Assainissement du Tchad
Road Data: OpenStreetMap, HDX
Other Data: ResEau Tchad
Analysis: UNITAR - UNOSAT
Production: UNITAR - UNOSAT