



Satellite Detected Water and/or Saturated Wet Soil Extent in Villa Riva Municipality, Dominican Republic

This map illustrates the satellite-detected water and/or saturated wet soil extent in Villa Riva Municipality and surroundings in Duarte Province, Dominican Republic. The UNITAR-UNOSAT analysis used a Spot-6 satellite image acquired on the 02 May 2017 and could observe areas with standing waters and saturated wet soil mainly affecting agricultural fields. The UNITAR-UNOSAT analysis identified ~2,500 ha of those areas, which cover 12.50% of this map's extent of ~20,000 ha of land. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR-UNOSAT.

Legend

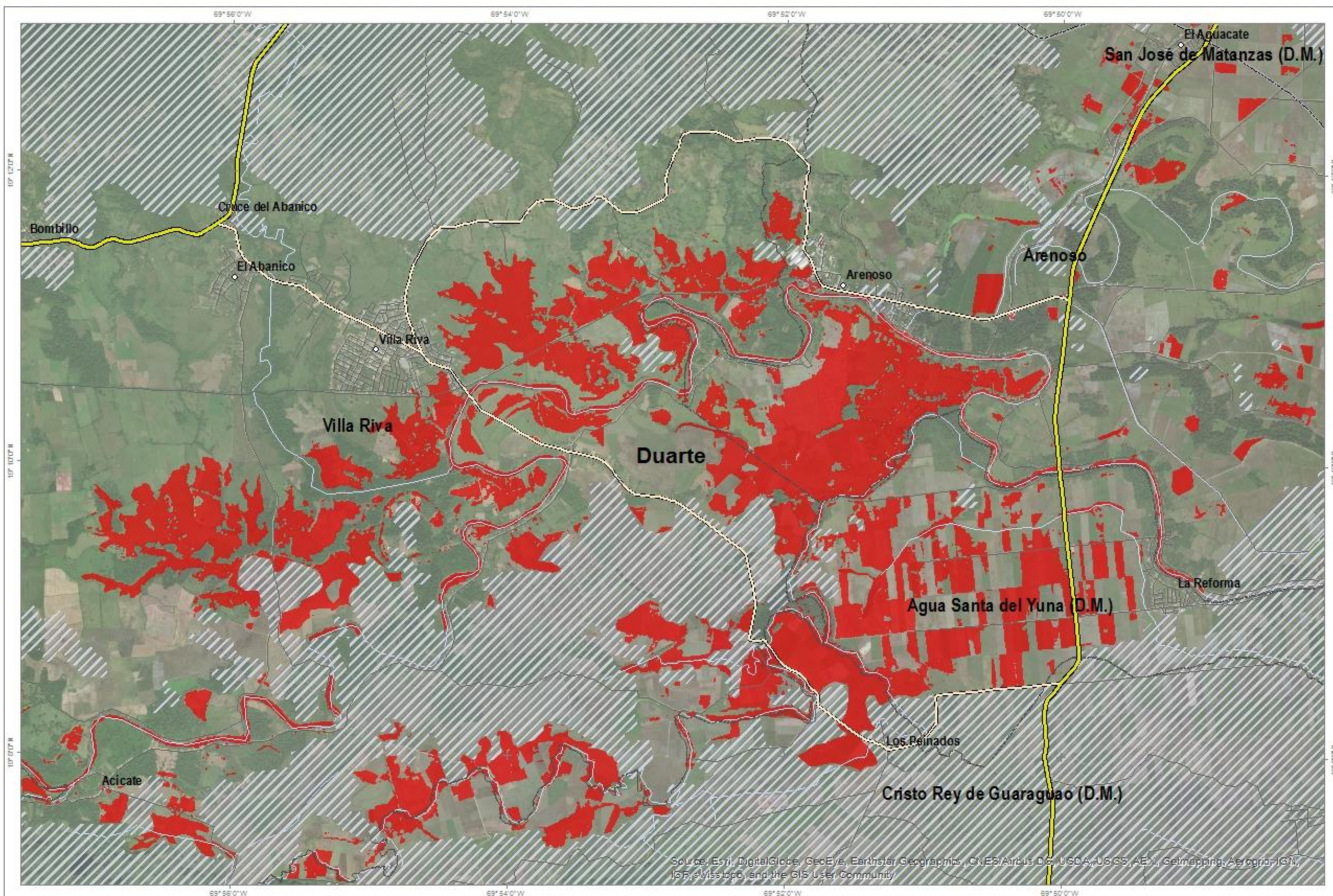
-  Town / City
-  Village
-  Primary road
-  Secondary road
-  Local road
-  River
-  Province boundary
-  Municipality boundary
-  Cloud mask
-  Satellite detected water and saturated wet soil : 02 May 2017

Map Scale for A3: 1:50,000



Analysis conducted with ArcGIS V10.4

Coordinate System: WGS 1984 UTM Zone 19N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus D.S., USDA, USGS, AeroGRID, IGN, IGP, Swisstopo, and the GIS User Community

Satellite Data : Spot-6
Imagery Date : 02 May 2017
Resolution : 6 m
Copyright : CNES (2017), Distribution AIRBUS D.S.
Source : Airbus Defence and Space

Baseline Data : HDX - Open Street Map
Other data : USGS, UNCS, NASA, NGA
Analysis : UNITAR - UNOSAT
Production : UNITAR - UNOSAT



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