





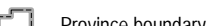

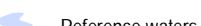
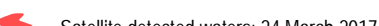


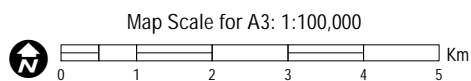
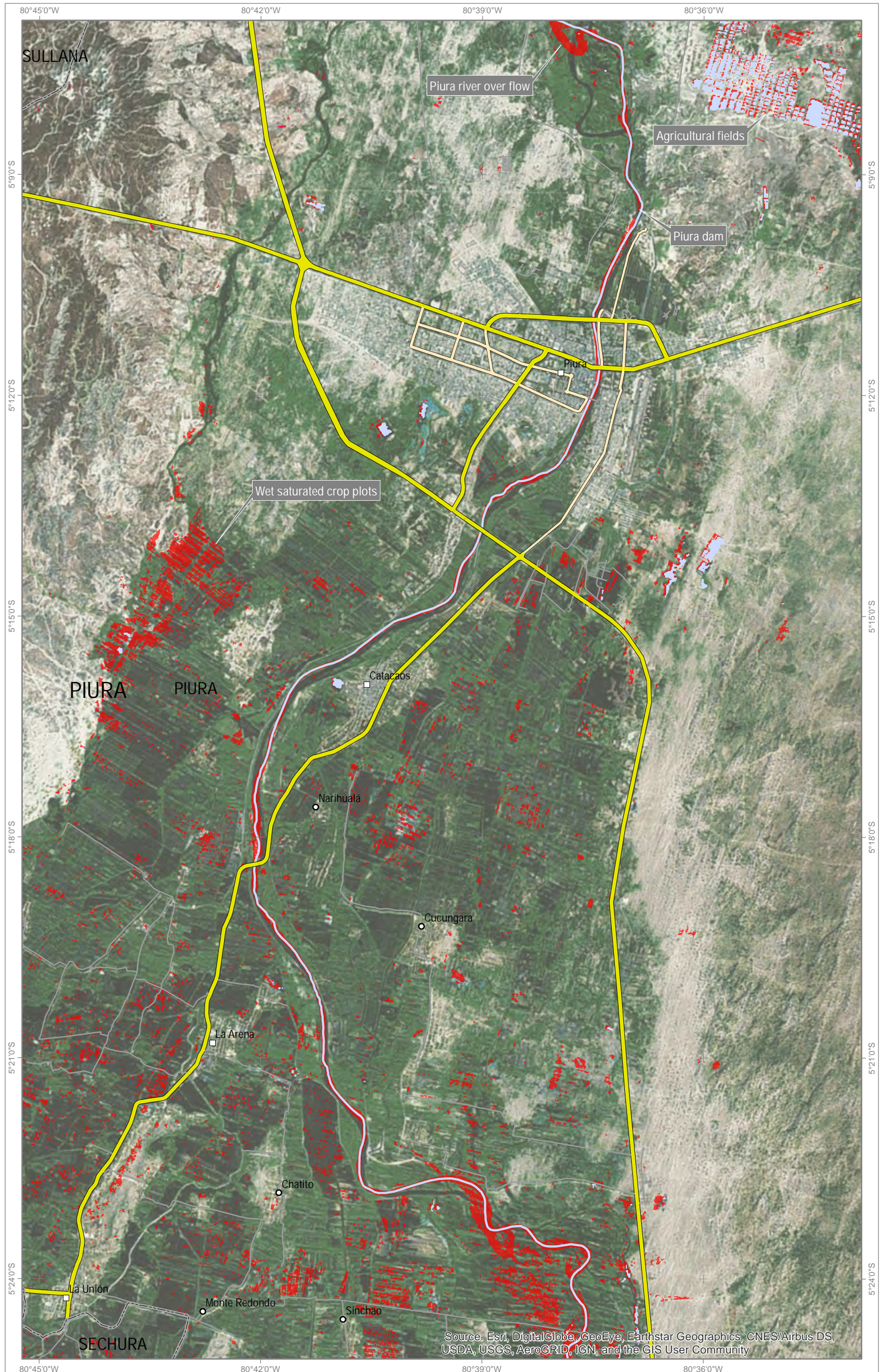


Satellite Detected Surface Waters around Piura City, Catacaos and La Union Towns in Piura Department, Peru

This map illustrates satellite-detected flood waters around Piura city, Catacaos and La Union towns in Piura Department, Peru as observed from the Radarsat-2 image acquired on 24 March 2017. An increase of surface water along Piura river banks was detected as of 24 March 2017 and some sections of the river over flow. Wet saturated soils over crop plots are visible in the image. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend

-  Village
-  City/town
-  Highway/Primary road
-  Secondary road
-  Tertiary road
-  Waterways
-  Province boundary
-  Department boundary
-  Reference waters
-  Satellite detected waters: 24 March 2017



Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 17S
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

Satellite Data (1): Radarsat-2
Imagery Dates: 24 March 2017
Resolution: 6.25 m
Copyright: MacDonald, Dewitter and Associates, Ltd. (2017)
Source: KSAT

Satellite Data (2): Landsat-8
Imagery Date: 11 November 2016
Resolution: 30m
Copyright: USGS / NASA
Source: USGS

Pre Flood Data: EC JRC/Google
Baseline Data : IGN, OpenStreetMap,
Other Data : USGS, UNCS, NASA
Analysis : UNITAR - UNOSAT
Production : UNITAR - UNOSAT

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