Identification of Likely Flooded Areas from MODIS-Terra Imagery (Recorded 19 April & 9-10 May 2007)

Map Sheet Overview

- **Total Flood Water Area by Municipality (9-10 May 2007):**
  - Rocha: 2.056,000 km²
  - Treinta y Tres: 1.342,130 km²
  - Lavalleja: 956,400 km²
  - Tacuarembó: 717,660 km²
  - Durazno: 613,400 km²
  - Cerro Largo: 504,100 km²
  - Soriano: 205,500 km²
  - Río Negro: 125,500 km²
  - Pionera: 115,400 km²
  - Florida: 114,900 km²
  - Canelones: 101,250 km²
  - Salto: 84,500 km²
  - Paysandú: 11,150 km²
  - Maldonado: 2,890 km²
  - Colonia: 0,200 km²
  - Montevideo: 0,050 km²

- **Satellite Data:** MODIS-Terra (Rapid Response)
- **Image Resolution:** 250m
- **Image Dates:** 19 April 2007 & 9-10 May 2007
- **River Data:** USGS HydroSheds
- **GIS Data:** USGS, SALB, OCHA, UNOSAT
- **Flood Detection:** UNOSAT
- **Map Production:** UNOSAT (13 May 2007)
- **Projection:** UTM Zone 21S (WGS 1984)

This map illustrates those areas likely covered with standing flood waters over flooded municipalities in southern Uruguay. This analysis was made using pre and post-flooding MODIS-Terra Rapid Response imagery recorded on 19 April and 9-10 May 2007. This flood detection is a preliminary analysis and has not yet been validated in the field. A UNOSAT-GDACS "Light Map" series.

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. This map was produced by the United Nations Institute for Training and Research (UNITAR) Operational Satellite Applications Programme (UNOSAT). UNOSAT provides satellite imagery and related geographic information to UN humanitarian and development agencies and their implementing partners.

**Map Information**

- **Contact Information:** info@unosat.org 24/7
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**Map Legend**

- **Capital**
- **City**
- **Town/City**
- **Municipality Boundary**
- **Road**
- **Railroad**
- **Road**
- **Port**
- **Drainage Line**
- **Elevation Contour Line**
- **Spot Height (m)**

**Map Scale:** 1:500,000 for A4 Print

**Projection:** UTM Zone 21S (WGS 1984)