SATELLITE-IDENTIFIED IDP CONCENTRATIONS, ROAD & BRIDGE OBSTACLES IN CENTRAL PORT-AU-PRINCE, HAITI

Operational Analysis with GeoEYE-1 Data Acquired 12 January 2010 and QuickBird data aquired 4 March 2008

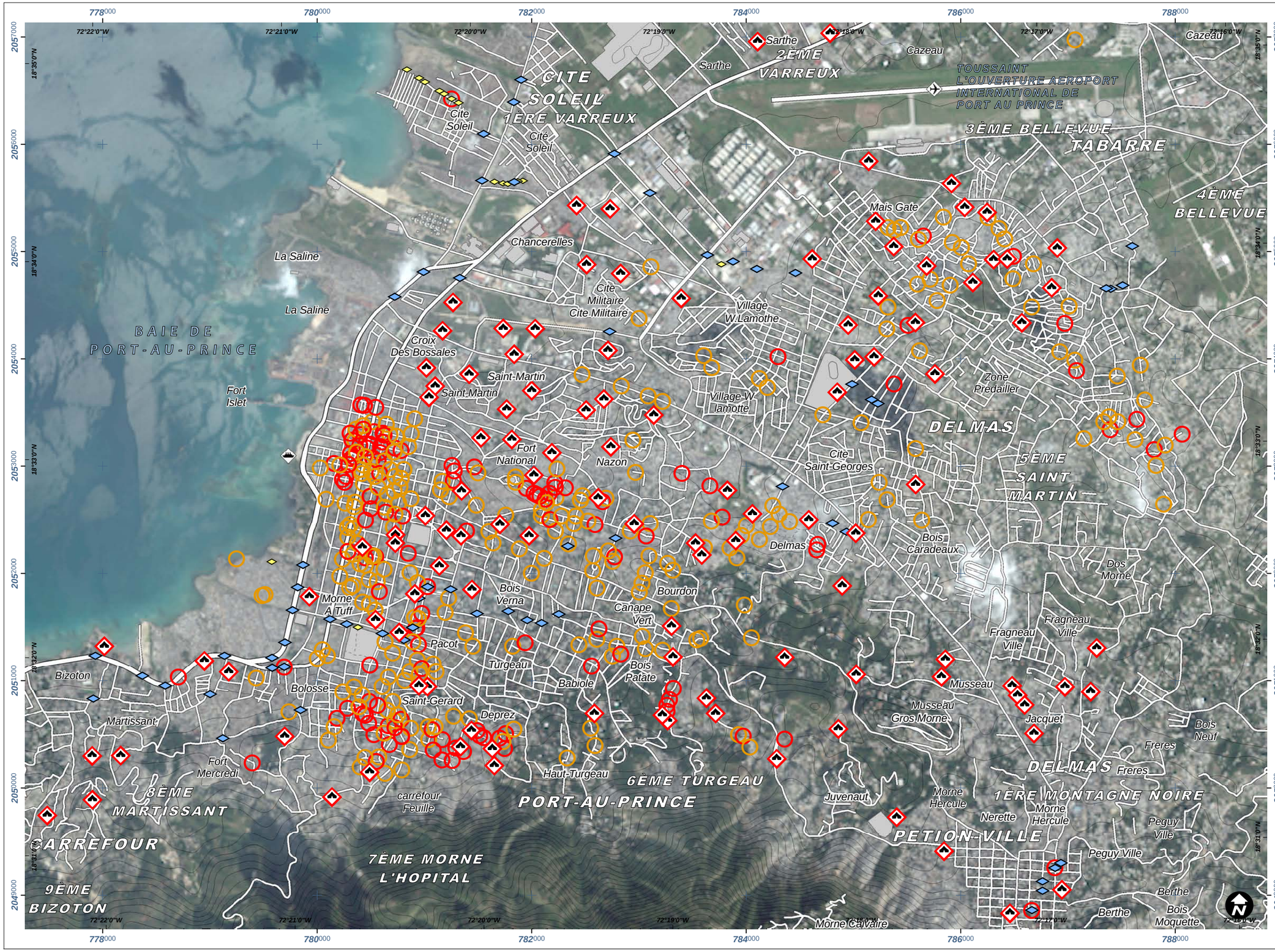
This work was done in support of the international humanitarian relief effort in Haiti following the earthquake on 12 January 2010. Informal IDP sites, bridges and road obstacles have been identified in GeoEye-1 imagery recorded on 12 January 2010. This is a preliminary analysis & has not yet been validated in the field. Road and bridge damages have likely been underestimated. Please send ground feedback to UNITAR / UNOSAT.

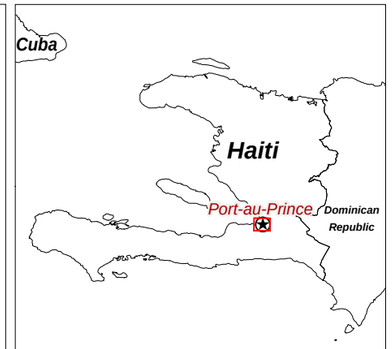
Earthquake 7.0M

14 January 2010 (21:00:00 UTC)

Version 1.0

Glide No: EQ-2010-000009-HTI





Legend

- Informal IDP Site
- Airfield
- Port
- Bridge
- Culvert
- Foot Bridge

Bridge & Road Obstacles

Probable Operational Status

- Likely Closed by debris
- Likely Restricted by debris

- Primary Road
- Secondary Road
- Trail / footpath
- Railroad

Map Scale for A3: 1:35,000

0 125250 500 750 1,000 1,250 1,500 Meters

Satellite Data (1)	GeoEye-1
Imagery Dates	12 January 2010
Resolution	50cm
Copyright	GeoEye 2009
Satellite Data (2)	QuickBird-2
Imagery Date	4 March 2008
Copyright	DigitalGlobe
Source	Google Earth
Road Data	Open Street Map
Place Names	Google Map Maker
Other Data	MINUSTAH, USGS, NGA
Elevation Data	ASTER GDEM
Source	METI & NASA 2009
Analysis	UNITAR / UNOSAT
Map Production	UNITAR / UNOSAT
Projection	UTM Zone 18 North
Datum	WGS-84 (EGM-96)

unitar
United Nations Institute for Training and Research

UNOSAT

Contact Information: unosat@unitar.org
24/7 Hotline: +41 76 487 4998
www.unosat.org