

HELP FROM ABOVE



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HAITI

Port-au-Prince

Dommages au bâti,
évaluation par quartier

Carte de localisation



Legende

Classes de dégâts

- Dégâts très importants à généralisés (>40%)
- Dégâts localement très importants (11-40%)
- Dégâts peu ou pas visibles (0-10%)



Pour chaque quartier, le pourcentage exprime une évaluation de la proportion de bâtiments avec des dommages observés.

Réseau de communication

- Route principale
- Route secondaire
- Autre route



Interprétation

Le 12 janvier 2010 à 21h53 (GMT), 16h53 (locale), un violent séisme de magnitude 7 sur l'échelle de Richter a secoué Haïti. Cette carte illustre une première évaluation des dommages dans l'agglomération de Port-au-Prince fondée sur l'exploitation d'images satellites.

Cette appréciation des dommages est réalisée sur la base d'une observation de la proportion de bâtiments présentant des dégâts observables. Cette première estimation doit être utilisée avec précaution, elle sera précisée dans les jours à venir.

Information cartographique

Projection locale : UTM Zone 19 Nord, Datum: WGS 84
Projection géographique : Lat/Lon (GARS), Datum: WGS 84
Echelle : 1:25 000 pour impression A1

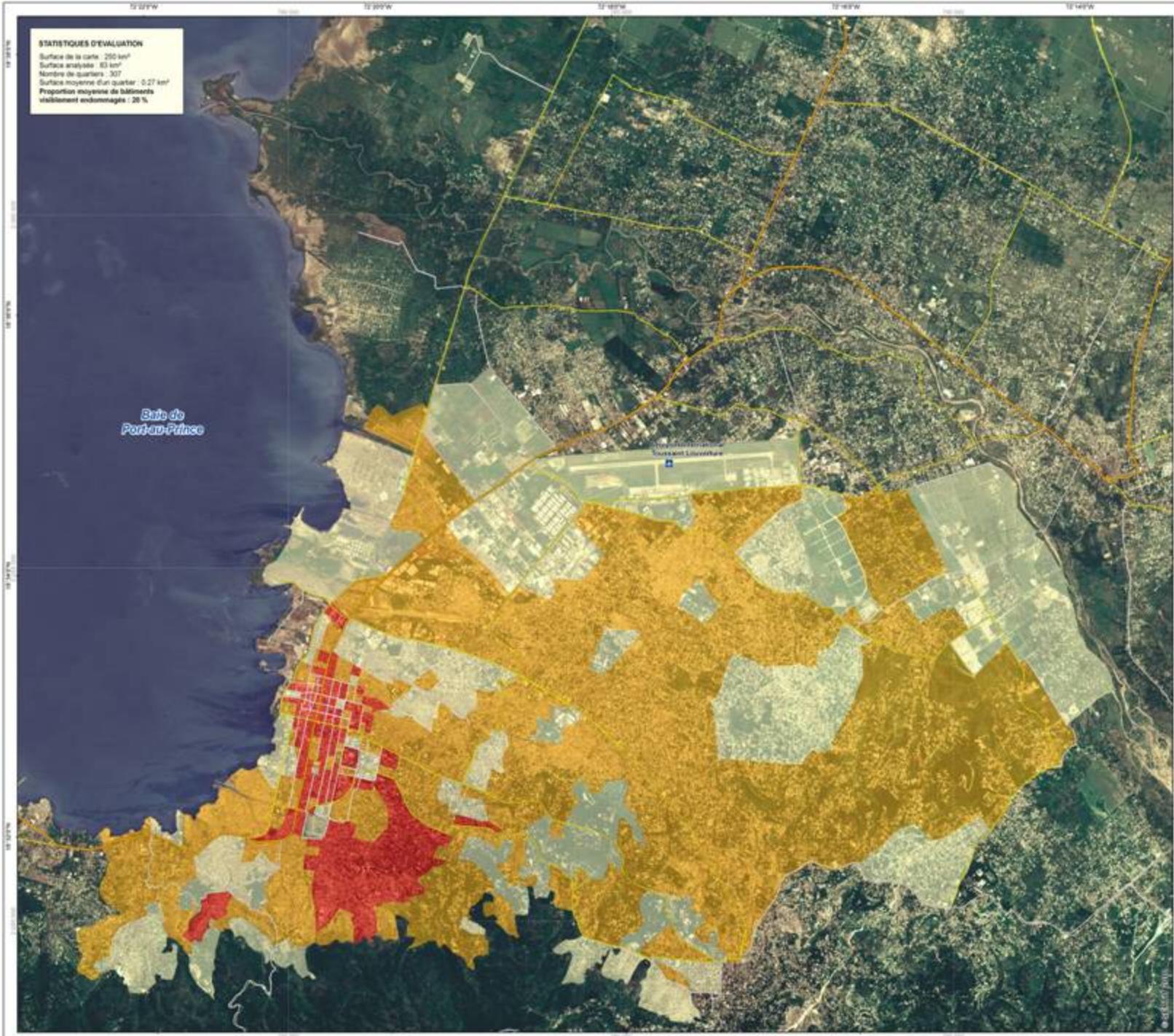
Sources des données

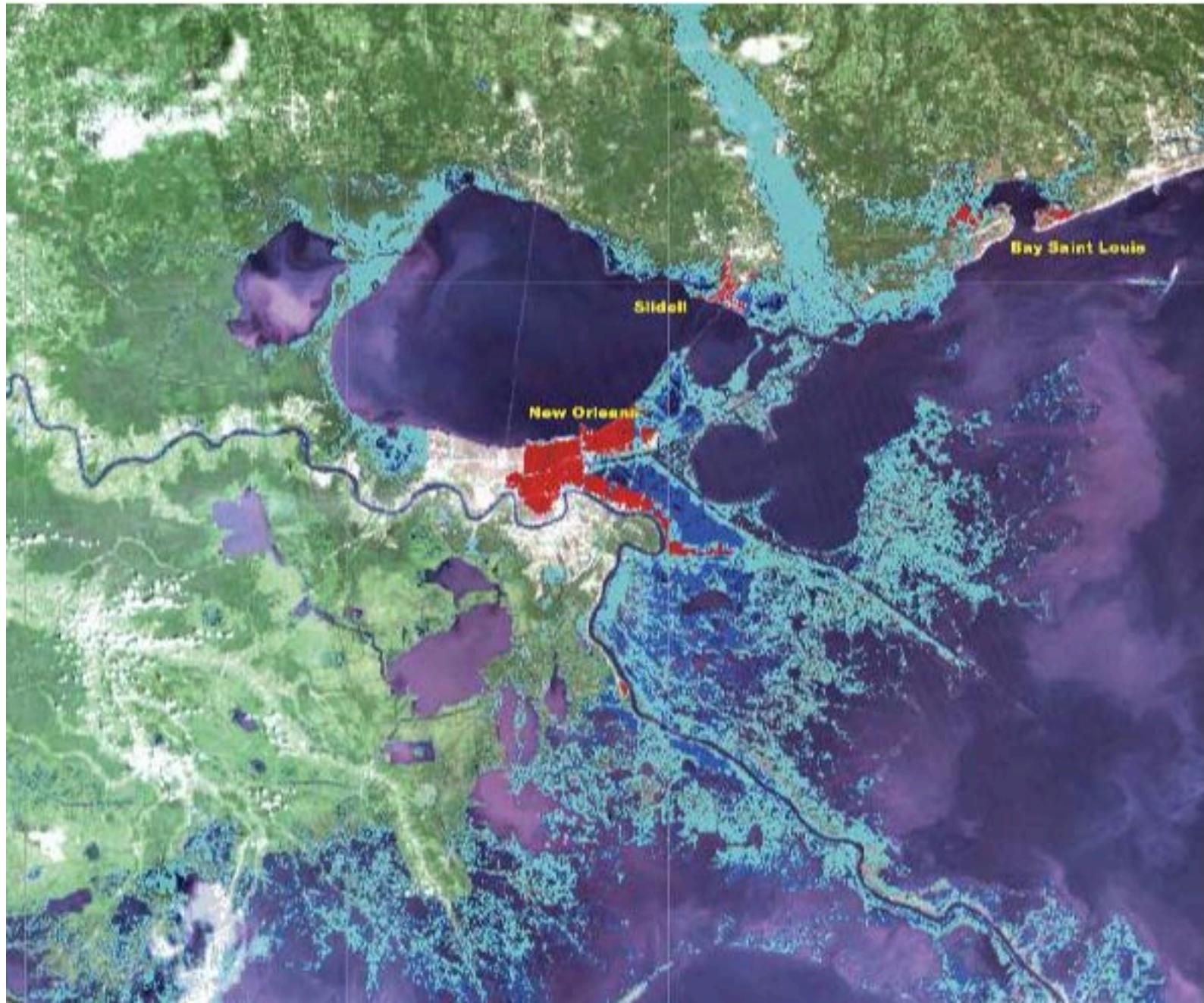
Fond cartographique
Image SPOT 5 (0,50 m) en couleurs naturelles
acquise le 03 juillet 2007
© CNES 2007, distribution Spot Image SA.
Les classes de dégâts sont dérivées des images GeoEye (85 cm)
et SPOT 5 (0,50 m) acquises le 13 janvier 2010
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Les routes sont dérivées de l'image SPOT 5 du 03 juillet 2007
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Autres couches thématiques & topomaps
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Cadre de travail

Les produits établis dans le cadre de cette action de cartographie rapide sont réalisés dans un court laps de temps, en optimisant au mieux la donnée disponible. Toutes les informations géographiques ont des imitations dues à l'échelle, la résolution, le date ainsi que l'interprétation de la donnée source. La responsabilité de l'auteur de cette carte ne peut être engagée quant à son contenu et son éventuelle utilisation.

Carte produite le 14 janvier 2010 par le SERTIT
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HAITI

Port-au-Prince

Damaged building density
Situation the 13th of January 2010

Location Diagrams



Legend

Damage	Communication networks		
	Low	Medium	High
Area not analysed			
Press reported damaged public building	■		
Spontaneous gathering areas		▲	▲

Interpretation

A strong earthquake of magnitude 7.0 hit Haiti on the 12th of January 2010 at 21h53 (GTM). 10h53 local time. This map shows a density of damaged buildings as observed in GeoEye imagery acquired the 13th of January 2010 in the city of Port-au-Prince. The surface of the country is about 21 thousand km². 4300 damaged buildings have been identified in the analysed area (about 1 km²). The results of the mapping should be used with precaution, exhaustivity is not guaranteed.

Cartographic Information

Local projection: UTM Zone 18 North, Datum: WGS 84
Geographic projection: Lat/Lon (DMS), Datum: WGS 84
Scale: 1:7 500 for A1 prints

Data sources

Damaged building density and spontaneous gathering areas are derived from GeoEye image (50 cm) acquired the 13/01/2010
© SERTIT 2010
Roads are derived from GEOSYS ESRI world imagery metric data
© DLR 2010
Background imagery
GeoEye (150 cm) acquired the 13th of January 2010
© GeoEye 2010. Courtesy of GeoEye, Inc.
Other thematic layers & topography
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Framework

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Map produced the 18th of January 2010 by SERTIT
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HAITI

Jacmel

Damaged building density
and gathering areas

Situation the 15th of January 2010

Location Diagrams



Legend

Damage	Site Hélène	Placename
Damaged building density		
High		
Low		
Communication networks		
Area not analysed	Secondary road	
Gathering area	Other road	
	Airport	

Interpretation

A strong earthquake of magnitude 7.0 hit Haiti on the 12th of January 2010 at 21h53 (GTM). 16h53 (local time). The epicenter was located 15 km West of the city of Les Cayes. Principally buildings and infrastructure damages are recorded and reported. This map shows a density of damaged buildings and gathering areas as observed in DigitalGlobe imagery acquired the 15th of January 2010 in the city of Jacmel. The surface of the country circle is 0.1 square kilometers. In a 21 km² analysed area. The results shown in this map should be used with precaution. Extensivity is not guaranteed.

Cartographic Information

Local projection: UTM Zone 18 North , Datum: WGS 84
Geographic projection: Lat/lon (DMS), Datum: WGS 84

Scale : 1:10 000 for A1 prints

Data Sources

Damaged buildings density and gathering areas are derived from DigitalGlobe multispectral image (0.5 m) acquired the 15th of January 2010
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Background imagery
KOMPSAT-1 1m acquired the 21st of January 2010
© KARI 2010

Roads are derived from SPOT 5 multispectral data (10 m)
acquired the 3rd of July 2007
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Other thematic layers & topography
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Framework

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