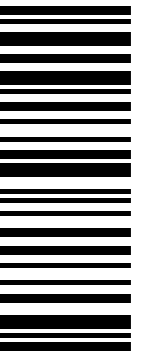


M10/3/GEOGR/BP2/ENG/TZ0/XX/RE



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GEOGRAPHY
HIGHER LEVEL AND STANDARD LEVEL
PAPER 2 – RESOURCES BOOKLET

Friday 7 May 2010 (morning)

INSTRUCTIONS TO CANDIDATES

- Do not open this resources booklet until instructed to do so.
- Use the resources as appropriate to the questions in paper 2.

C11. Topographic mapping

The map shows the district of St-Paul on the island of La Réunion in the Indian Ocean (21°S 58°E). The scale of the map is 1:25 000 and the contour interval is 10 metres.

KEY/LEGEND FOR MAP:

Autoroute : péage, aires de service, de repos
Motorway : tollgate, service areas, resting areas

principale main road, secondaire secondary, non classée other

Route à deux chaussées séparées
Dual carriageway

Route de bonne viabilité (2 voies larges et plus)
Road of good practicability (2 broad lanes and more)

Route de moyenne viabilité (2 voies étroites)
Road of average practicability (2 narrow lanes)

Route étroite régulièrement entretenue
Narrow road, regularly maintained

Route irrégulièrement entretenue. Chemin d'exploitation. Sentier
Narrow road, not regularly maintained. Car track. Footpath

Tunnel routier. Dalle de protection. Route bordée d'arbres
Road tunnel. Protective flagstone. Road lined with trees

Route en remblai, en déblai. Route en construction
Road : on embankment, in cutting. Road under construction

Levée de terre. Détail linéaire non identifié. Haie, rangées d'arbres
Earth bank. Unidentified linear feature. Hedge, row of trees

Chemin de fer à 2 voies, à 1 voie. Voie électrifiée. Voie étroite
Railway : double track, single track. Electrified railway. Narrow gauge track

Ligne de transport d'énergie électrique. Téléphérique. Remontée mécanique
Electricity transmission line. Aerial cableway. Ski-lift or chair-lift

Population en milliers d'habitants. Limite d'État, borne frontière
Population in thousands. State boundary with monuments

Limite et chef-lieu de département, d'arrondissement
Boundary and chief town of département, of arrondissement

Limite et chef-lieu de canton, de commune
Boundary and chief town of canton, of commune

Limite de camp militaire, de zone réglementée de champ de tir
Military camp boundary, boundary of artillery range restricted zone

Limite de forêt domaniale. Limite de parc naturel, de zone périphérique
State forest boundary. Boundary of nature park, of outer protected zone

Édifice religieux : chrétien, mosquée, autre culte. Calvaire. Monument. Cimetière
Religious building : Christian, mosque, other cult. Calvary. Monument. Cemetery

Construction technique. Silo. Réservoir d'hydrocarbure. Serre
Technical building. Silo. Oil storage tank. Glasshouse

Points géodésiques. Point de vue. Fort. Casemate
Triangulation stations. Viewpoint. Fort. Pill box

Mairie, hôtel de ville. Bâtiment ordinaire. Hangar, atelier. Établissement hospitalier
Town hall. Building. Shed, workshop. Hospital

Types d'activités:
Kinds of activity :

1. industriel ou agricole industrial or agricultural
2. commercial commercial
3. public ou administratif public or administrative

RENSEIGNEMENTS TOURISTIQUES TOURIST INFORMATION

GR autre sentier 1 } Itinéraire balisé sur sentier (GR, autre sentier) (1), hors sentier (2)
other (1), out of footpath (2)

2 } Itinéraire non balisé intéressant sur sentier
Interesting unsignposted route along footpath

Passage délicat
Hard part of hiking trail

Limite de zone réglementée
Boundary of restricted zone

Refuge ou gîte d'étape gardés, non gardés. Abri
Refuge hut or overnight stopping place with keeper, without keeper. Shelter

Camping. Centre équestre. Site d'escalade équipé. Aire de départ de vol libre
Campsite. Riding centre. Climbing site with facilities. Hang-gliding area

Aire de détente. Tennis. Golf
Leisure area. Tennis. Golf course

Port de plaisance. Mouillage. Sports nautiques
Yachting harbour. Anchorage. Water sports

Canoë-kayak (point de mise à l'eau). Piscine. Baignade
Canoeing (launching place). Swimming-pool. Bathing-place

ST-PAUL
Station classée
Resort with tourist interest

Ville d'art. Station thermale, verte, de sports d'hiver, balnéaire
City of artistic interest. Spa, openair, winter sports, seaside resort

Agglomération touristique, centre d'activité, site ou détail remarquables
Town of tourist interest, activity centre, notable site or building

Édifice remarquable. Curiosité diverse. Information tourisme
Notable monument. Diverse place of interest. Tourist information centre

Gare ou point d'arrêt ouverts au trafic voyageurs
Station or stopping-place open to passenger traffic

Voie interdite aux véhicules à moteur. Aire de stationnement
Prohibited road for motor vehicles. Parking area

Terrain de sport. Tennis. Salle omnisports. Refuge
Sports ground. Tennis. Multi-purpose hall. Refuge hut

Tour isolée. Entrée d'excavation souterraine. Habitation troglodytique. Ruines
Isolated tower. Entrance to underground excavation. Cave dwelling. Ruins

Pont. Passerelle. Gué. Bac : autos, piétons
Bridge. Footbridge. Ford. Car, passenger ferry

Nappe d'eau permanente. Zone inondable. Marais
Perennial expanse of water. Area liable to flooding. Marsh or swamp

Source, fontaine, prise d'eau. Citerne, lavoir, bassin. Château d'eau. Réservoir
Spring, fountain, canal regulator. Cistern, wash-house, pool. Water tower. Water tank

Cours d'eau bordé d'arbres. Cascade. Barrage
Stream lined with trees. Cascade. Dam

Cours d'eau temporaire. Phare. Feu. Balise
Intermittent stream. Lighthouse. Light. Beacon

Canal. Écluse
Canal. Lock

Courbe de niveau, équidistance 10 m. Dépression. Talus
Contours at 10 m vertical interval. Depression. Slope

Sable sec et dune. Laisse des plus hautes mers
Dry sand and dune. High-water mark

Estran: sable humide et vase, rochers
Foreshore: wet sand and mud, rocks

Courbes isobathes (tirées des cartes du SHOM). Récif de corail
Depth contours (taken from SHOM maps). Coral reef

Bois et forêt Wood and forest, Broussailles Brushwood, Verger, plantation Orchard, plantation, Canne à sucre Sugar cane, Bouquet d'arbres Cluster of trees

7,50 m et plus 7,50 m or over, moins de 7,50 m under 7,50 m

1000m 500m 0 1km

Moyens de sécurité civile (permanents ou saisonniers) Means of civil security (permanent or seasonal)

Poste de police ou de gendarmerie. Téléphone isolé
Police station. Isolated telephone station

Canot de sauvetage. Surveillance de plage
Lifeboat. Beach patrol

Secours en montagne : composer le 17
Mountain rescue : dial 17

Secours en mer : coordination assurée par COSRU au 02 62 43 43 43
Sea rescue : coordination ensured by

Toutes prévisions : 08 92 68 08 08
Overall forecast :

METEO FRANCE 3615 METEO

Navigation locale : Cartes SHOM N° 7183 et 7328
Coastal navigation : SHOM maps N°



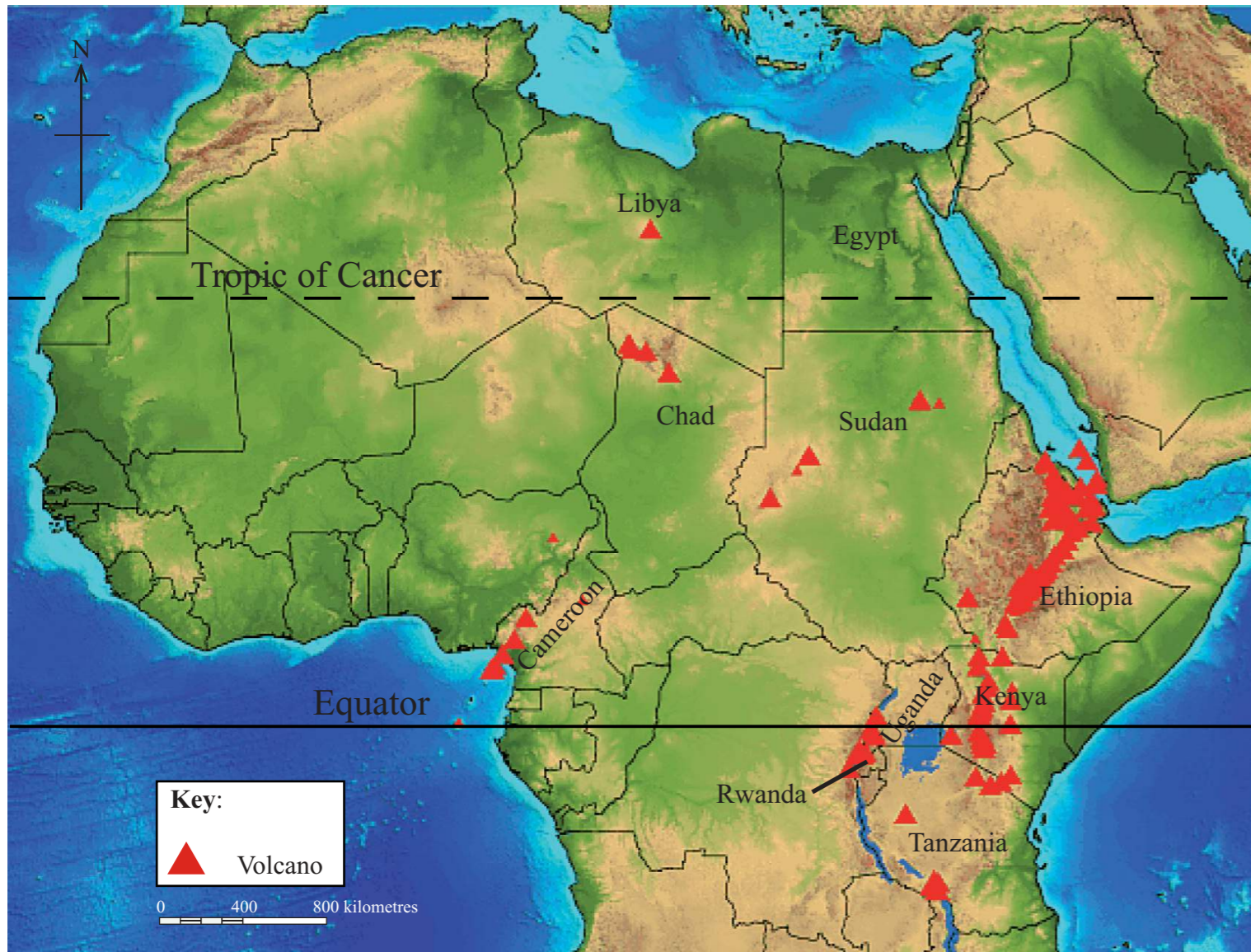
02 03 04 05 06 07 08 09
 SCALE: 1:25 000
 1000m 500m 0 1km

[Source: Extrait de la carte topographique n° 4401 RT, © IGN – Paris 2010, autorisation n° 80-0003]

A4. Lithospheric processes and hazards

(b) Structured question

The map shows the location of volcanoes in part of Africa.

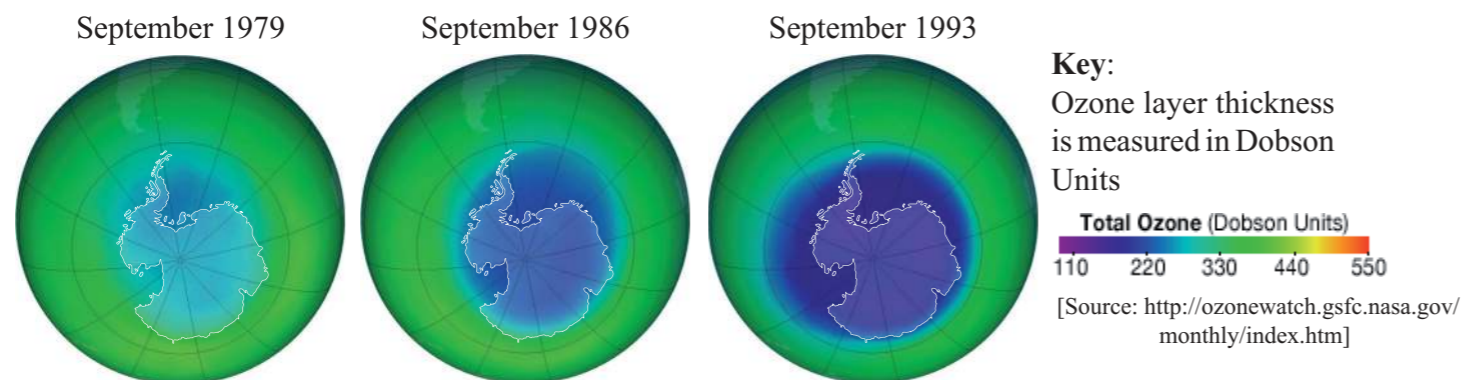


[Source: Department of Mineral Sciences, National Museum of Natural History]

A6. Climatic hazards and change

(b) Structured question

The maps show the concentration of ozone over Antarctica for three different years.



[Source: <http://ozonewatch.gsfc.nasa.gov/monthly/index.htm>]

B8. Settlements

(b) Structured question

Figure 1, Figure 2 and Figure 3 show industrial, commercial and residential land use in New York.

Figure 1

Industrial land use

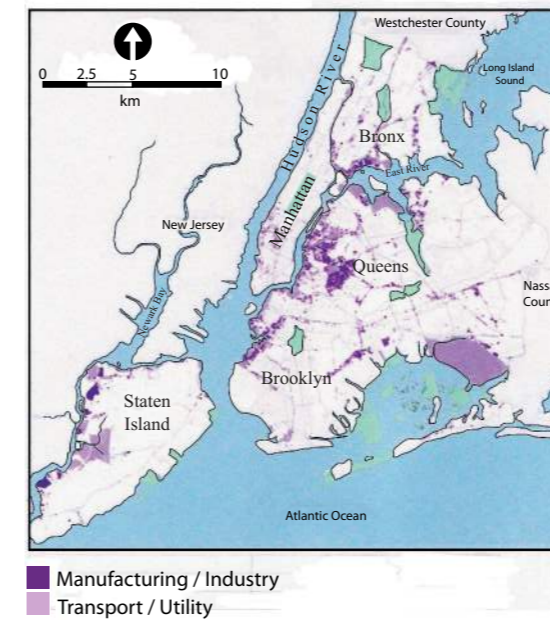


Figure 2

Commercial land use

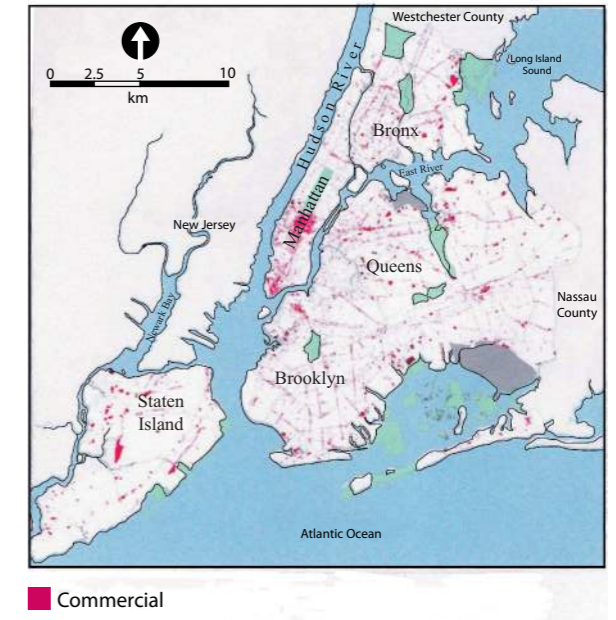
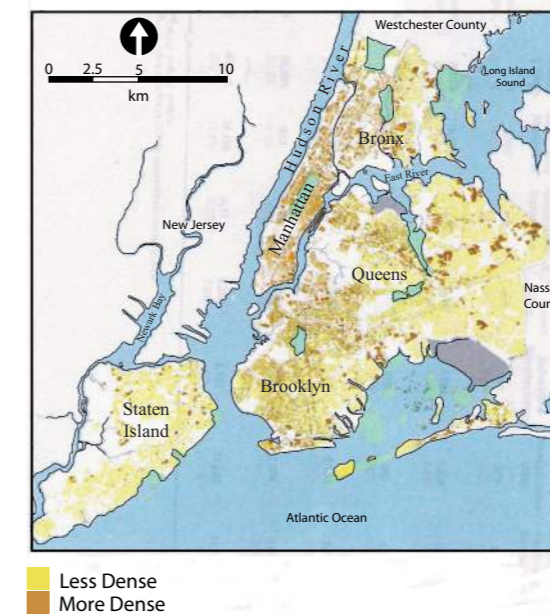


Figure 3

Residential land use



[Source: Map of New York City Land Uses, 2007, used with permission of the New York City Department of City Planning. All rights reserved.]