



**Forestry Department**

**Food and Agriculture Organization of the United Nations**

**GLOBAL FOREST RESOURCES  
ASSESSMENT**

**COUNTRY REPORTS**

**NETHERLANDS ANTILLES**

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## The Forest Resources Assessment Programme

Sustainably managed forests have multiple environmental and socio-economic functions important at the global, national and local scales, and play a vital part in sustainable development. Reliable and up-to-date information on the state of forest resources - not only on area and area change, but also on such variables as growing stock, wood and non-wood products, carbon, protected areas, use of forests for recreation and other services, biological diversity and forests' contribution to national economies - is crucial to support decision-making for policies and programmes in forestry and sustainable development at all levels.

FAO, at the request of its member countries, regularly monitors the world's forests and their management and uses through the Forest Resources Assessment Programme. This country report forms part of the Global Forest Resources Assessment 2005 (FRA 2005), which is the most comprehensive assessment to date. More than 800 people have been involved, including 172 national correspondents and their colleagues, an Advisory Group, international experts, FAO staff, consultants and volunteers. Information has been collated from 229 countries and territories for three points in time: 1990, 2000 and 2005.

The reporting framework for FRA 2005 is based on the thematic elements of sustainable forest management acknowledged in intergovernmental forest-related fora and includes more than 40 variables related to the extent, condition, uses and values of forest resources. More information on the FRA 2005 process and the results - including all the country reports - is available on the FRA 2005 Web site ([www.fao.org/forestry/fra2005](http://www.fao.org/forestry/fra2005)).

The Global Forest Resources Assessment process is coordinated by the Forestry Department at FAO headquarters in Rome. The contact person for matters related to FRA 2005 is:

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The Global Forest Resources Assessment 2005 Country Report Series is designed to document and make available the information forming the basis for the FRA 2005 reports. The Country Reports have been compiled by officially nominated country correspondents in collaboration with FAO staff. Prior to finalisation, these reports were subject to validation by forestry authorities in the respective countries.

## **Report preparation and contact person**

No official report has been received from the country.

This report is the result of a desk study prepared by the FRA 2005 secretariat in Rome, which summarizes existing available information using the established format for FRA 2005 country reports.

This report comprises only the reporting tables T1 and T9. For the other reporting tables there is no information available.

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## 1 Table T1 – Extent of Forest and Other wooded land

### 1.1 FRA 2005 Categories and definitions

Category	Definition
Forest	Land spanning more than 0.5 hectares with trees higher than 5 meters and a canopy cover of more than 10 percent, or trees able to reach these thresholds <i>in situ</i> . It does not include land that is predominantly under agricultural or urban land use.
Other wooded land	Land not classified as “Forest”, spanning more than 0.5 hectares; with trees higher than 5 meters and a canopy cover of 5-10 percent, or trees able to reach these thresholds <i>in situ</i> ; or with a combined cover of shrubs, bushes and trees above 10 percent. It does not include land that is predominantly under agricultural or urban land use.
Other land	All land that is not classified as “Forest” or “Other wooded land”.
Other land with tree cover (Subordinated to “Other land”)	Land classified as “Other land”, spanning more than 0.5 hectares with a canopy cover of more than 10 percent of trees able to reach a height of 5 meters at maturity.
Inland water bodies	Inland water bodies generally include major rivers, lakes and water reservoirs.

### 1.2 National data

#### 1.2.1 Data sources

References to sources of information	Quality (H/M/L)	Variable(s)	Year(s)	Additional comments
a) International Institute of Tropical Forestry, USDA Forest Service. 2000. The 2000 FAO Forest Resource Assessment for the Caribbean.	Medium <sup>1</sup>	Forest cover	1991	Compilation of information from several sources that span a multi-year time period.

<sup>1</sup> Assessed as Medium quality because of the information reported comes from several sources from over several years centered around 1991.

#### 1.2.2 Classification and definitions

National Classes <sup>1</sup>	Definition
Closed forest	>40% canopy cover, with trees > 5m tall
Open forest	10-40% canopy cover, with trees > 5m tall
Other wooded land	5-10% canopy cover, with trees and/or shrubs > 5m tall, or >10% canopy cover with trees and/or shrubs < 5m tall

<sup>1</sup> National classes are FRA 2000 classes.

### 1.2.3 Original data

National Classes <sup>1</sup>	1991 (1000 ha)
Closed forest	0.4
Open forest	0.8
<b>Total forest land</b>	<b>1.2</b>
Other wooded land	32.7
<b>Total other forest land</b>	<b>32.7</b>
<b>Total other land</b>	<b>46.1</b>
<b>Total land</b>	<b>80.0</b>

<sup>1</sup> National classes are FRA 2000 classes.

## 1.3 Analysis and processing of national data

### 1.3.1 Calibration

Source	Total Land Area (1000 ha)
National data	80.0
FAOSTAT	80.0

There is no need to perform calibration since the national land area data matches the FAOSTAT land area.

### 1.3.2 Estimation and forecasting

No estimation or forecasting was done because there is data on forest cover for only one point in time. The forest cover figures reported are the same as those reported for 1990 and 2000 in FRA 2000.

## 1.4 Reclassification into FRA 2005 classes

National Classes <sup>1</sup>	FRA 2005 Categories			
	Forest	OWL	Other land	OLWTC
Closed forest	100%			NDA <sup>2</sup>
Open forest	100%			NDA <sup>2</sup>
Other wooded land		100%		NDA <sup>2</sup>
Other land			100%	NDA <sup>2</sup>
			<b>Total</b>	
			100%	

<sup>1</sup> National classes are the FRA 2000 classes.

<sup>2</sup> No data available for other land with tree cover.

## 1.5 Data for National reporting table T1

FRA 2005 Categories	Area (1000 hectares)		
	1990	2000	2005
Forest	1.2	1.2	1.2
Other wooded land	32.7	32.7	32.7
Other land	46.1	46.1	46.1
...of which with tree cover <sup>1)</sup>	NDA <sup>1</sup>	NDA <sup>1</sup>	NDA <sup>1</sup>
Inland water bodies	0	0	0
<b>TOTAL</b>	80.0	80.0	80.0

<sup>1</sup> No data available.

## 1.6 Comments to National reporting table T1

The forest cover figures reported here are the same as the figures reported in the FRA 2000 because no more recent data was found.

## 2 Table T9 – Diversity of tree species

### 2.1 FRA 2005 Categories and definitions

Category	Definition
Number of native tree species	The total number of native tree species that have been identified within the country.
Number of critically endangered tree species	The number of native tree species that are classified as “Critically endangered” in the IUCN red list.
Number of endangered tree species	The number of native tree species that are classified as “Endangered” in the IUCN red list.
Number of vulnerable tree species	The number of native tree species that are classified as “Vulnerable” in the IUCN red list.

### 2.2 National data

#### 2.2.1 Data sources

References to sources of information	Quality (H/M/L)	Variable(s)	Year(s)	Additional comments
IUCN Species Survival Commission, 2004. IUCN Red List of Threatened Species.	High	Species status	2004	Website search used <a href="http://www.redlist.org/">http://www.redlist.org/</a>

#### 2.2.2 Original data

The IUCN Red List of Threatened Species at <http://www.redlist.org/> was used to gather information on threatened species.

### 2.3 Data for National reporting table T9

FRA 2005 Categories	Number of species (year 2000)
Native tree species	NDA
Critically endangered tree species	0
Endangered tree species	2
Vulnerable tree species	0

### 2.4 Comments to National reporting table T9

The following endangered tree species were found in the 2004 IUCN Red List of Threatened Species:

*Guaiacum officinale*, *Nectandra krugii*