



Food and Agriculture
Organization of the
United Nations

Global Forest Resources Assessment 2020

Report

Mauritius

Rome, 2020



FAO has been monitoring the world's forests at 5 to 10 year intervals since 1946. The Global Forest Resources Assessments (FRA) are now produced every five years in an attempt to provide a consistent approach to describing the world's forests and how they are changing. The FRA is a country-driven process and the assessments are based on reports prepared by officially nominated National Correspondents. If a report is not available, the FRA Secretariat prepares a desk study using earlier reports, existing information and/or remote sensing based analysis.

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Introduction

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Introductory text

The Republic of Mauritius is a group of islands in the South West of the Indian Ocean, consisting of mainland Mauritius, Rodrigues and several outer islands, namely Agalega, the Cargados Carajos, Tromelin and the Chagos Archipelago. The total country area is 204 000 hectares. Mauritius has been successively a Dutch, French and British colony. It became independent of Britain on 12 March 1968 and acceded to the status of Republic within the Commonwealth on 12 March 1992. The country has a Westminster type of Parliamentary government. The official language is English, but French and Creole are widely spoken. The climate is sub-tropical. The average mid-day temperature on the Central Plateau varies from 22°C in August to 28°C in January. Near the coastal regions, temperatures are about 4-5°C higher.

The population, estimated at 1.3 million, comprises Indo-Mauritians, general population, i.e, people of mixed European and African origin, and Sino-Mauritians. About 43% of the area is allocated to agriculture, 25% is occupied by built-up areas and 2% by public roads. The remaining consists of abandoned sugarcane fields, forests, scrub lands, grazing lands, reservoirs, ponds, swamps and rocks. The Cargados Carajos is made up of numerous sand banks with negligible tree cover. The coconut plantations found on Agalega are classified as "Other Land" as per FRA 2020 specifications. Data regarding the Chagos Archipelago and Tromelin are not available and their extents have been considered as "Other Land". The present assessment covers all the forest resources found in the Republic of Mauritius.

The FRA 2020 exercise is an opportunity to update statistics relating to the forest sector in Mauritius and analyse trends. The forestry sector includes all activities dependent on forests, trees and other woody vegetation, and all wood-based industries. It has numerous interactions and linkages with other sectors, such as agriculture, water, environment, tourism and communication.

1 Forest extent, characteristics and changes

1a Extent of forest and other wooded land

National data

Data sources

1990	References	1. Annual Report of the Forestry Service,Forest cover & Management of forests,1990-2017 2. Statistics Mauritius Inland water bodies 1995-2010
	Methods used	Other (specify in comments)
	Additional comments	Compilation from forestry records. Assessment is also based on local expert knowledge
2000	References	1.Annual Report of the Forestry Service,Forest cover & Management of forests,1990-2017 2. Statistics Mauritius, Inland water bodies 1995-2010 3. FRA 2015 Mauritius
	Methods used	Other (specify in comments)
	Additional comments	Compilation from records and reports Assessment is also based on local expert knowledge
2005	References	Annual Report of the Forestry Service, Forest Cover, 2005
	Methods used	Other (specify in comments)
	Additional comments	Compilation from forestry records
2011	References	Annual Report of the Forestry Service, Forest Cover, 2011
	Methods used	Other (specify in comments)
	Additional comments	Compilation from forestry records
2012	References	Forestry Service, 2012. Annual Report of the Forestry Service 2012
	Methods used	Other (specify in comments)
	Additional comments	

2013	References	Forestry Service (2013) Annual Report of the Forestry Service 2013
	Methods used	Other (specify in comments)
	Additional comments	

2014	References	Forestry Service, 2014. Annual Report of the Forestry Service 2014
	Methods used	Other (specify in comments)
	Additional comments	

2015	References	Forestry Service (2015) Annual Report of the Forestry Service 2015
	Methods used	Other (specify in comments)
	Additional comments	

2016	References	Forestry Service (2016) Annual Report of the Forestry Service 2016
	Methods used	Other (specify in comments)
	Additional comments	

Classifications and definitions

1990	National class	Definition
	Forest Plantations	Forest composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests,comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.
	Inland Water	Includes all major rivers, lakes and reservoirs

2000	National class	Definition
	Forest Plantations	Forest composed of trees established through planting of mainly exotic species
	Natural Forests	

		Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Land	Includes all land not classified as Forest Plantations, Natural Forests and Scrub Lands
	Inland Water	Includes all major rivers, lakes and reservoirs

2005	National class	Definition
	Forest Plantation	Forest comprised of trees established through planting of mostly exotic species
	Natural Forest	Naturally- regenerated forests, comprised of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Land	Very degraded forests with scattered trees and shrubs
	Non-Forest Land	Includes all land not classified as Forest Plantation, Natural Forest and Scrub Land
	Inland Water	Includes all major rivers, lakes and reservoirs.

2011	National class	Definition
	Forest Plantation	Forest comprised of trees established through planting of mostly exotic species
	Natural Forest	Naturally- regenerated forests, comprised of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Land	Very degraded forests with scattered trees and shrubs
	Non-Forest Land	Includes all land not classified as Forest Plantation, Natural Forest and Scrub Land
	Inland Water	Includes all major rivers, lakes and reservoirs.

2012	National class	Definition
	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs

	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.
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2013	National class	Definition
	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.

2014	National class	Definition
	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
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2015	National class	Definition
	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.

2016	National class	Definition

	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.

Original data and reclassification

1990	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantations	17.25	100.00 %	0.00 %	0.00 %
	Natural Forests	23.82	100.00 %	0.00 %	0.00 %
	Scrub Lands	17.95	0.00 %	100.00 %	0.00 %
	Non-Forest Lands	142.35	0.00 %	0.00 %	100.00 %
	Inland Water	2.63	0.00 %	0.00 %	100.00 %
	Total	204.00	41.07	17.95	144.98

2000	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantations	18.11	100.00 %	0.00 %	0.00 %
	Natural Forests	23.82	100.00 %	0.00 %	0.00 %
	Scrub Lands	17.90	0.00 %	100.00 %	0.00 %
	Non-Forest Land	141.24	0.00 %	0.00 %	100.00 %
	Inland Water	2.93	0.00 %	0.00 %	100.00 %
	Total	204.00	41.93	17.90	144.17

2005	Classifications and definitions		FRA classes		

	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantation	17.91	100.00 %	0.00 %	0.00 %
	Natural Forest	20.30	100.00 %	0.00 %	0.00 %
	Scrub Land	12.28	0.00 %	100.00 %	0.00 %
	Non-Forest Land	150.58	0.00 %	0.00 %	100.00 %
	Inland Water	2.93	0.00 %	0.00 %	100.00 %
	Total	204.00	38.21	12.28	153.51

2011	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantation	18.08	100.00 %	0.00 %	0.00 %
	Natural Forest	20.31	100.00 %	0.00 %	0.00 %
	Scrub Land	12.17	0.00 %	100.00 %	0.00 %
	Non-Forest Land	150.51	0.00 %	0.00 %	100.00 %
	Inland Water	2.93	0.00 %	0.00 %	100.00 %
	Total	204.00	38.39	12.17	153.44

2012	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantations	18.09	100.00 %	0.00 %	0.00 %
	Natural Forests	20.31	100.00 %	0.00 %	0.00 %
	Scrub Lands	12.17	0.00 %	100.00 %	0.00 %
	Non-Forest Lands	150.51	0.00 %	0.00 %	100.00 %
	Total	201.08	38.40	12.17	150.51

2013	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land

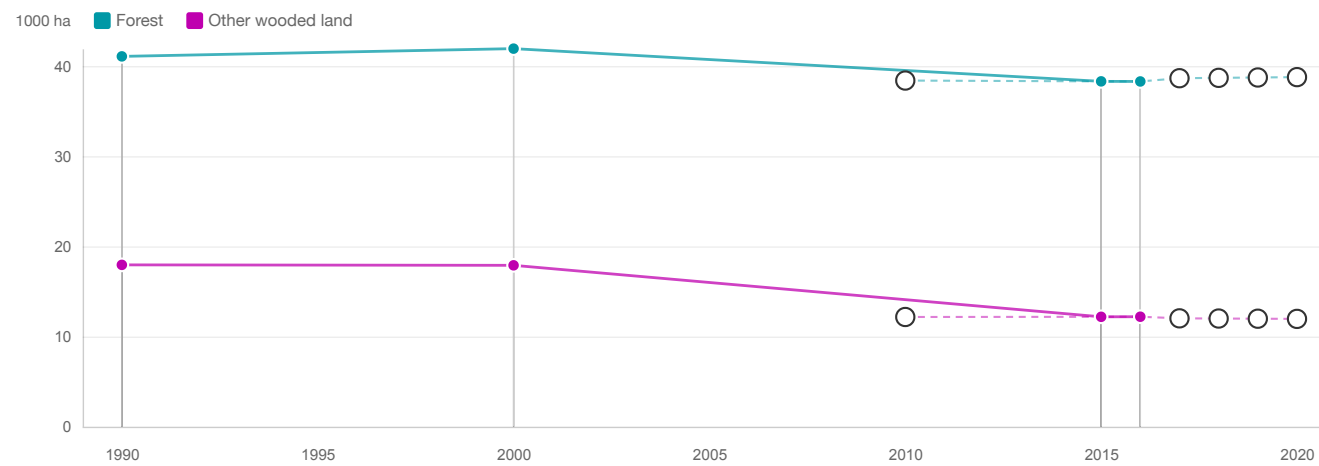
	Forest Plantations	18.06	100.00 %	0.00 %	0.00 %
	Natural Forests	20.31	100.00 %	0.00 %	0.00 %
	Scrub Lands	12.17	0.00 %	100.00 %	0.00 %
	Non-Forest Lands	150.54	0.00 %	0.00 %	100.00 %
	Total	201.08	38.37	12.17	150.54

2014	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantations	18.02	100.00 %	0.00 %	0.00 %
	Natural Forests	20.31	100.00 %	0.00 %	0.00 %
	Scrub Lands	12.20	0.00 %	100.00 %	0.00 %
	Non-Forest Lands	150.54	0.00 %	0.00 %	100.00 %
	Total	201.07	38.33	12.20	150.54

2015	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantations	18.00	100.00 %	0.00 %	0.00 %
	Natural Forests	20.30	100.00 %	0.00 %	0.00 %
	Scrub Lands	12.19	0.00 %	100.00 %	0.00 %
	Non-Forest Lands	150.57	0.00 %	0.00 %	100.00 %
	Total	201.06	38.30	12.19	150.57

2016	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Forest	Other wooded land	Other land
	Forest Plantations	17.99	100.00 %	0.00 %	0.00 %
	Natural Forests	20.30	100.00 %	0.00 %	0.00 %
	Scrub Lands	12.20	0.00 %	100.00 %	0.00 %

	Non-Forest Lands	150.58	0.00 %	0.00 %	100.00 %
	Total	201.07	38.29	12.20	150.58



FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest (a)	41.07	41.93	38.39	38.30	38.29	38.65	38.69	38.73	38.77
Other wooded land (a)	17.95	17.90	12.17	12.19	12.20	12.02	12.00	11.98	11.96
Other land (c-a-b)	143.98	143.17	152.44	152.51	152.51	152.33	152.31	152.29	152.27
Total land area (c)	203.00	203.00	203.00	203.00	203.00	203.00	203.00	203.00	203.00

The FAOSTAT land area figure for the year 2015 is used for all reference years

Climatic domain	% of forest area 2015	Override value
Boreal	0.00	
Temperate	0.00	
Sub-tropical	0.00	
Tropical	100.00	

Comments

Data on forest cover was revised some 15 years ago, following new forest statistics obtained from the ex-Remote Sensing Centre of the Ministry of Agriculture and a subsequent survey carried out by the Forestry Service. Hereinafter, data from forest sections regarding reforestation, afforestation and deforestation are recorded and compiled annually. The forest area for a particular year is then calculated using the preceding year as benchmark. These figures are subsequently included in the Annual Reports of the Forestry Service.

During the last few decades of rapid economic growth, some 10 000 hectares of forest lands (mostly privately-owned) were converted to other uses, mainly infrastructural developments, e.g. built-up areas, roads, agriculture and reservoirs. This explains why the extent of forest area dropped drastically from the year 2000 to 2005.

As from year 2005, this category has remained more or less the same due to the implementation of sustainable forest management.

Note that mainland Mauritius and Rodrigues are found in the sub-tropical climatic domain but Cargados Carajos, Agalega, Tromelin and the Chagos Archipelago are located in the tropical climatic domain.

Kindly note that Hansen / Global Forest Watch reported a forest cover of 37,000 ha dating as far back as 2006, while we are reporting an area of 38,650 ha in 2017.

1b Forest characteristics

National data

Data sources

1990	References	1. Annual Report of the Forestry Service,Forest cover & Management of forests,1990-2017 2. Statistics Mauritius Inland water bodies 1995-2010
	Methods used	Other (specify in comments)
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	Methods used	Other (specify in comments)
	Additional comments	

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2016	References	Forestry Service (2016) Annual Report of the Forestry Service 2016
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Classifications and definitions

1990	National class	Definition
	Forest Plantations	Forest composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.
	Inland Water	Includes all major rivers, lakes and reservoirs

2000	National class	Definition
	Forest Plantations	Forest composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
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		Very degraded forests with scattered trees and shrubs
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2005	National class	Definition
	Forest Plantation	Forest comprised of trees established through planting of mostly exotic species
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	Inland Water	Includes all major rivers, lakes and reservoirs.

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	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	

		Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.
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2013	National class	Definition
	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
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2014	National class	Definition
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2015	National class	Definition
	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.

2016	National class	Definition

	Forest Plantations	Forests composed of trees established through planting of mainly exotic species
	Natural Forests	Naturally-regenerated forests, comprised mostly of native vegetation with different degrees of invasion by Invasive Alien Species
	Scrub Lands	Very degraded forests with scattered trees and shrubs
	Non-Forest Lands	Includes all land not classified as Forest Land, e.g. barren land, agricultural land, built-up areas, etc.

Original data and reclassification

1990	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantations	17.25	0.00 %	0.00 %	100.00 %
	Natural Forests	23.82	100.00 %	0.00 %	0.00 %
	Total	41.07	23.82	0.00	17.25

2000	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantations	18.11	0.00 %	0.00 %	100.00 %
	Natural Forests	23.82	100.00 %	%	0.00 %
	Total	41.93	23.82	0.00	18.11

2005	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantation	17.91	0.00 %	0.00 %	100.00 %
	Natural Forest	20.30	100.00 %	0.00 %	0.00 %
	Total	38.21	20.30	0.00	17.91

2011	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest

	Forest Plantation	18.08	0.00 %	0.00 %	100.00 %
	Natural Forest	20.31	100.00 %	0.00 %	0.00 %
	Total	38.39	20.31	0.00	18.08

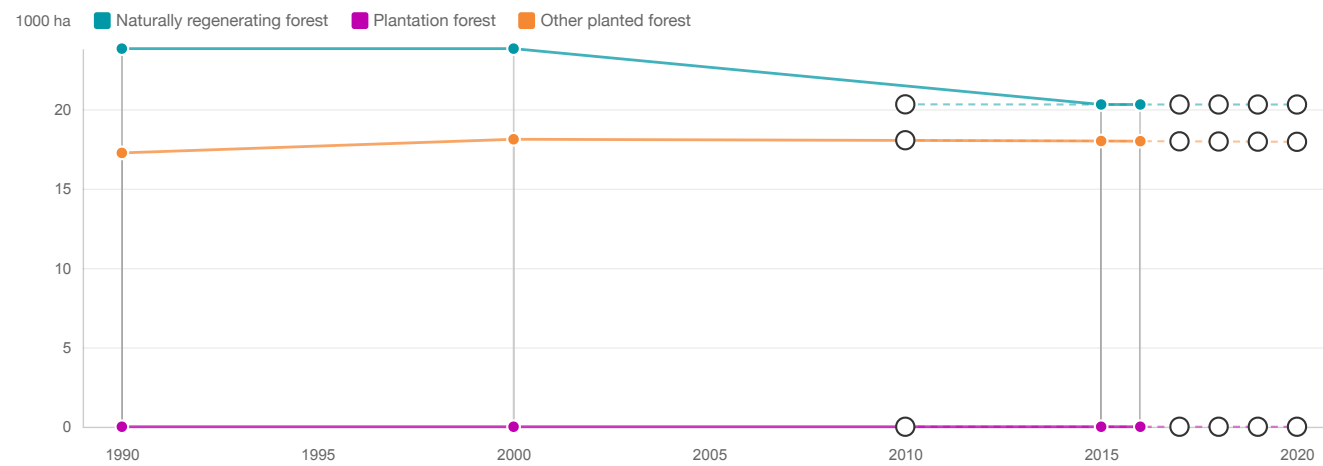
2012	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantations	18.09	0.00 %	0.00 %	100.00 %
	Natural Forests	20.31	100.00 %	0.00 %	0.00 %
	Total	38.40	20.31	0.00	18.09

2013	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantations	18.06	0.00 %	0.00 %	100.00 %
	Natural Forests	20.31	100.00 %	0.00 %	0.00 %
	Total	38.37	20.31	0.00	18.06

2014	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantations	18.02	0.00 %	0.00 %	100.00 %
	Natural Forests	20.31	100.00 %	0.00 %	0.00 %
	Total	38.33	20.31	0.00	18.02

2015	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantations	18.00	0.00 %	0.00 %	100.00 %
	Natural Forests	20.30	100.00 %	0.00 %	0.00 %
	Total	38.30	20.30	0.00	18.00

2016	Classifications and definitions		FRA classes		
	Class	Area (1000 ha)	Naturally regenerating forest	Plantation forest	Other planted forest
	Forest Plantations	17.99	0.00 %	0.00 %	100.00 %
	Natural Forests	20.30	100.00 %	0.00 %	0.00 %
	Total	38.29	20.30	0.00	17.99



FRA categories	Forest area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest (a)	23.82	23.82	20.31	20.30	20.30	20.30	20.30	20.30	20.30
Planted forest (b)	17.25	18.11	18.05	18.00	17.99	17.98	17.97	17.96	17.95
Plantation forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
...of which introduced species	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other planted forest	17.25	18.11	18.05	18.00	17.99	17.98	17.97	17.96	17.95
Total (a+b)	41.07	41.93	38.36	38.30	38.29	38.28	38.27	38.26	38.25
Total forest area	41.07	41.93	38.39	38.30	38.29	38.65	38.69	38.73	38.77

Comments

Naturally regenerating forest area is assumed constant from 2015 and onwards.

Figures for year 1990 onwards have been revised as per new definitions regarding *Planted Forest* and *Plantation Forest*.

1c Primary forest and special forest categories

National Data

Data sources + type of data source eg NFI, etc

- 1. Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service
- 2. Ministry of Fisheries (June 2009). ESA Classification Report.
- 3. Ministry of Lands and Housing, 2015

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

FRA Categories	Area (1000 ha/year)									
	1990	2000	2005	2010	2011	2012	2013	2014	2015	2016
Bamboos										
Mangroves	0.07	0.09	0.12	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Temporarily unstocked and/or recently regenerated										
Primary forest	23.8	23.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
Rubber wood	0	0	0	0	0	0	0	0	0	0

Analysis and processing of national data

Estimation and forecasting

FRA Categories	Area (1000 ha/year)													
	1990	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bamboos														
Mangroves	0.07	0.09	0.12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Temporarily unstocked and/or recently regenerated														
Primary forest	23.8	23.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
Rubber wood	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Area (1000 ha)				
	1990	2000	2010	2015	2020
Primary forest	23.80	23.80	20.30	20.30	20.30
Temporarily unstocked and/or recently regenerated					
Bamboos					
Mangroves	0.07	0.09	0.20	0.20	0.20
Rubber wood	0.00	0.00	0.00	0.00	0.00

Comments

1. In the past, mangroves were quite widespread around Mauritius. A value of 2000 ha is even cited in the literature (Spalding, 2010). Since the 1960s, they have been cut and removed for firewood, coastal development, infrastructures and access for fishers. In 1980, the area coverage dwindled down to 45 ha. In order to restore these precious ecosystems, a reforestation programme started in the 1980s, first initiated by the Ministry of Fisheries and subsequently by NGOs, and the area increased to 145 ha in Mauritius and 24 ha in Rodrigues (ESA Classification Report, June 2009). More recent estimation by remote sensing gives a value of 181 ha for Mauritius (Ministry of Lands and Housing, 2015).

2. Due to changes in the definition of *Primary Forest*, figures regarding same have been revised accordingly as from 1990 onwards.

1d Annual forest expansion, deforestation and net change

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and also to local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

FRA Categories	Area (1000 ha/year)									
	1990	2000	2005	2010	2011	2012	2013	2014	2015	2016
Forest expansion (a)	0.141	0.008	0.0005	0.0006	0	0.003	0	0	0	0
... of which afforestation	0.141	0.008	0.0005	0.0006	0	0.003	0	0	0	0
... of which natural expansion	0	0	0	0	0	0	0	0	0	0
Deforestation (b)	0	0.086	0.0052	0.0034	0.019	0	0.034	0.005	0.034	0.008
Forest area net change (a-b)	0.141	-0.078	-0.0047	-0.0028	-0.019	0.003	-0.034	-0.005	-0.034	-0.008

Analysis and processing of national data

Estimation and forecasting

FRA Categories	Area (1000 ha/year)													
	1990	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Forest expansion (a)	0.141	0.008	0.0005	0.0006	0	0.003	0	0	0	0	0	0	0	0
... of which afforestation	0.141	0.008	0.0005	0.0006	0	0.003	0	0	0	0	0	0	0	0
... of which natural expansion	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deforestation (b)	0	0.086	0.0052	0.0034	0.019	0	0.034	0.005	0.034	0.008	0.018467	0.020911	0.014959	0.018989
Forest area net change (a-b)	0.141	-0.078	-0.0047	-0.0028	-0.019	0.003	-0.034	-0.005	-0.034	-0.008	-0.01847	-0.02091	-0.01496	-0.01899

Reclassification into FRA 2020 categories

Reclassification is not required

FRA categories	Area (1000 ha/year)			
	1990-2000	2000-2010	2010-2015	2015-2020
Forest expansion (a)	0.10	0.01	0.08	0.21
...of which afforestation				
...of which natural expansion				
Deforestation (b)	0.01	0.36	0.10	0.12
Forest area net change (a-b)	0.09	-0.35	-0.02	0.09

Comments

1e Annual reforestation

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

FRA Categories	Area (1000 ha/year)									
	1990	2000	2005	2010	2011	2012	2013	2014	2015	2016
Reforestation	0.193	0.14	0.088	0.061	0.034	0.034	0.015	0.026	0.027	0.042

Analysis and processing of national data

Estimation and forecasting

FRA Categories	Area (1000 ha/year)													
	1990	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Reforestation	0.193	0.14	0.088	0.061	0.034	0.034	0.015	0.026	0.027	0.042	0.032667	0.036978	0.04443	0.04612

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Area (1000 ha/year)			
	1990-2000	2000-2010	2010-2015	2015-2020
Reforestation	0.03	0.03	0.04	0.05

Comments

1f Other land with tree cover

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service.

National classification and definitions

National classification and definitions are not available. But based on local expert knowledge, it is assumed that the national classification and local definitions meet the FRA requirements.

Original data

-

Analysis and processing of national data

Estimation and forecasting

-

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Area (1000 ha)				
	1990	2000	2010	2015	2020
Palms (a)					
Tree orchards (b)					
Agroforestry (c)					
Trees in urban settings (d)					
Other (specify in comments) (e)					
Total (a+b+c+d+e)	–	–	–	–	–
Other land area	143.98	143.17	152.44	152.51	152.27

Comments

Data regarding "OLWTC" could not be obtained since the areas concerned are scattered over the whole island, making the survey very time- consuming and tedious. Also, the areas concerned, being very often in patches of less than 0.5 ha, do not qualify them to be taken into account.

2 Forest growing stock, biomass and carbon

2a Growing stock

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet the FRA requirements.

Original data

Category	Type	Species	Growing Stock - Year 1990			Growing Stock - Year 2000			Growing Stock - Year 2005			Growing Stock - Year 2010					
			Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)			
Forest	Other planted forests	Pinus elliottii	7855	128	1005440	8078	128	1033984	8143	128	1042304	8199	128	1049472			
	Other planted forests	Eucalyptus spp.	6801	93	632493	7410	93	689130	7080	93	658440	7202	93	669786			
	Other planted forests	Cryptomeria japonica	959	78	74802	959	78	74802	967	78	75426	967	78	75426			
	Other planted forests	Tabebuia pallida	800	150	120000	800	150	120000	849	150	127350	849	150	127350			
	Other planted forests	Araucaria spp.	626	330	206580	638	330	210540	645	330	212850	645	330	212850			
	Other planted forests	Casuarina equisetifolia	211	132	27852	224	132	29568	226	132	29832	226	132	29832			
	Natural	Others(mostly native forests severely invaded by alien plant species)	23820	56	1333920	23820	56	1333920	20305	56	1137080	20305	56	1137080			
Other Wooded Land (OWL)	Scrub Lands	Mostly exotic species	17954	28	502712	17900	28	501200	12276	28	343728	12166	28	340648			
TOTAL			59026		3903799	59829		3993144	50491		3627010	50559		3642444			

Category	Type	Species	Growing Stock - Year 2011			Growing Stock - Year 2012			Growing Stock - Year 2013			Growing Stock - Year 2014			Growing Stock - Year 2015		
			Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)
Forest	Other planted forests	Pinus elliottii	8176	128	1046528	8179	128	1046912	8179	128	1046912	8137	128	1041536	8111	128	1038208
	Other planted forests	Eucalyptus spp.	7202	93	669786	7202	93	669786	7168	93	666624	7168	93	666624	7168	93	684387
	Other planted forests	Cryptomeria japonica	967	78	75426	967	78	75426	967	78	75426	967	78	75426	967	78	75426
	Other planted forests	Tabebuia pallida	849	150	127350	849	150	127350	849	150	127350	849	150	127350	849	150	127350
	Other planted forests	Araucaria spp.	645	330	212850	645	330	212850	645	330	212850	645	330	212850	645	330	212850
	Other planted forests	Casuarina equisetifolia	222	132	29304	222	132	29304	221	132	29172	216	132	28512	216	132	29832
	Natural	Others(mostly native forests severely invaded by alien plant species)	20305	56	1137080	20305	56	1137080	20305	56	1137080	20310	56	1137360	20310	56	1137080
Other Wooded Land (OWL)	Scrub Lands	Mostly exotic species	12193	28	341404	12201	28	341628	12206	28	341768	12208	28	341824	12224	28	333088
TOTAL			50559			50570			50540			50500			50490		3652173

Analysis and processing of national data

Estimation and forecasting

Category	Type	Species	Growing Stock - Year 1990			Growing Stock - Year 2000			Growing Stock - Year 2005			Growing Stock - Year 2010			Growing Stock - Year 2011			Growing Stock - Year 2012			Growing Stock - Year 2013		
			Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)
Forest	Other planted forests	Pinus elliottii	7855	128	1005440	8078	128	1033984	8143	128	1042304	8199	128	1049472	8176	128	1046528	8179	128	1046912	8179	128	1046

FRA 2020 report, Mauritius																							
	Other planted forests	Eucalyptus spp.	6801	93	632493	7410	93	689130	7080	93	658440	7202	93	669786	7202	93	669786	7202	93	669786	7168	93	6666
	Other planted forests	Cryptomeria japonica	959	78	74802	959	78	74802	967	78	75426	967	78	75426	967	78	75426	967	78	75426	967	78	7542
	Other planted forests	Tabebuia pallida	800	150	120000	800	150	120000	849	150	127350	849	150	127350	849	150	127350	849	150	127350	849	150	1273
	Other planted forests	Araucaria spp.	626	330	206580	638	330	210540	645	330	212850	645	330	212850	645	330	212850	645	330	212850	645	330	2128
	Other planted forests	Casuarina equisetifolia	211	132	27852	224	132	29568	226	132	29832	226	132	29832	222	132	29304	222	132	29304	221	132	2917
	Natural	Others(mostly native forests severely invaded by alien plant species)	23820	56	1333920	23820	56	1333920	20305	56	1137080	20305	56	1137080	20305	56	1137080	20305	56	1137080	20305	56	1137
Other Wooded Land (OWL)	Scrub Lands	Mostly exotic species	17954	28	502712	17900	28	501200	12276	28	343728	12166	28	340648	12193	28	341404	12201	28	341628	12206	28	3417
TOTAL					59026			3903799	59829		3993144	50491		3627010	50559		3642444	50559		50570		50540	
Category	Type	Species	Growing Stock - Year 2014			Growing Stock - Year 2015			Growing Stock - Year 2016			Growing Stock - Year 2017			Growing Stock - Year 2018			Growing Stock - Year 2019			Growing Stock - Year 2020		
			Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)	Extent (ha)	Average growing stock per ha (m³)	Growing Stock (m³)
Forest	Other planted forests	Pinus eliottii	8137	128	1041536	8111	128	1038208	8105	128	1037440	8198.394	128	1049395	8208.179	128	1050647	8217.964	128	1051900	8227.749	128	1053
	Other planted forests	Eucalyptus spp.	7168	93	666624	7168	93	684387	7168	93	666624	7231.641	93	672542.6	7240.539	93	673370.1	7249.436	93	674197.6	7258.334	93	6750
	Other planted forests	Cryptomeria japonica	967	78	75426	967	78	75426	967	78	75426	968.4648	78	75540.25	968.8296	78	75568.71	969.1945	78	75597.17	969.5594	78	7562

	Other planted forests	Tabebuia pallida	849	150	127350	849	150	127350	849	150	127350	857.9718	150	128695.8	860.2066	150	129031	862.4413	150	129366.2	864.6761	150	1297
	Other planted forests	Araucaria spp.	645	330	212850	645	330	212850	645	330	212850	648.2254	330	213914.4	648.9188	330	214143.2	649.6123	330	214372.1	650.3058	330	2146
	Other planted forests	Casuarina equisetifolia	216	132	28512	216	132	29832	214	132	28248	220.4225	132	29095.78	220.4966	132	29105.56	220.5708	132	29115.34	220.6449	132	2912
	Natural	Others(mostly native forests severely invaded by alien plant species)	20310	56	1137360	20310	56	1137080	20310	56	1137360	19664.26	56	1101199	19504.11	56	1092230	19343.97	56	1083262	19183.82	56	1074
Other Wooded Land (OWL)	Scrub Lands	Mostly exotic species	12208	28	341824	12224	28	333088	12232	28	342496	11159.96	28	312478.8	10898.52	28	305158.7	10637.09	28	297838.5	10375.66	28	2905
TOTAL			50500			50490		3652173	50490		3627794	48949.34		3582861	48549.81		3569255	48150.28		3555648	47750.74		3542

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Growing stock m³/ha (over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	55.80	55.80	55.80	55.80	55.80	55.80	55.80	55.80	55.80
Planted forest	119.80	119.20	119.70	119.70	119.70	119.70	119.70	119.70	119.70
...of which plantation forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
...of which other planted forest	119.80	119.20	119.70	119.70	119.70	119.70	119.70	119.70	119.70
Forest	82.79	83.23	85.44	86.42	85.92	84.61	84.26	84.17	83.83
Other wooded land	27.86	27.90	27.90	27.90	27.90	27.90	27.90	27.90	27.90

FRA categories	Total growing stock (million m³ over bark)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	1.33	1.33	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Planted forest	2.07	2.16	2.16	2.15	2.15	2.15	2.15	2.15	2.15
...of which plantation forest	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
...of which other planted forest	2.07	2.16	2.16	2.15	2.15	2.15	2.15	2.15	2.15
Forest	3.40	3.49	3.28	3.31	3.29	3.27	3.26	3.26	3.25
Other wooded land	0.50	0.50	0.34	0.34	0.34	0.34	0.33	0.33	0.33

Comments

2b Growing stock composition

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and also to local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

FRA Categories	Scientific name	Common name	Growing stock in forest (m³ over bark)										
Native tree species			1990	2000	2005	2010	2011	2012	2013	2014	2015	2016	
#1 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#2 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#3 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#4 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#5 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#6 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#7 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#8 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#9 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
#10 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	
Remaining native tree species			1333920	1333920	1137080	1137080	1137080	1137080	1137080	1137360	1137080	1137360	
Total volume of native tree species			1333920	1333920	1137080	1137080	1137080	1137080	1137080	1137360	1137080	1137360	
Introduced tree species													
#1 Ranked in terms of volume	<i>Pinus elliottii</i>	Slash Pine	1005440	1033984	1042304	1049472	1046528	1046912	1046912	1041536	1052160	1037440	
#2 Ranked in terms of volume	<i>Eucalyptus sp</i>	Eucalyptus	632493	689130	658440	669786	669786	669786	666624	666624	684387	666624	
#3 Ranked in terms of volume	<i>Araucaria species</i>	Araucaria	206580	210540	212850	212850	75426	75426	75426	75426	212850	75426	
#4 Ranked in terms of volume	<i>Tabebuia pallida</i>	Tecoma	120000	120000	127350	127350	127350	127350	127350	127350	127350	127350	
#5 Ranked in terms of volume	<i>Cryptomeria japonica</i>	Japanese Cedar	74802	74802	75426	75426	212850	212850	212850	212850	75426	212850	
#6 Ranked in terms of volume	<i>Casuarina equisetifolia</i>	Filao	27852	29568	29832	29832	29304	29304	29172	28512	29832	28248	
Remaining introduced tree species			502712	501200	343728	340648	341404	341628	341768	341824	333088	342496	
Total volume of introduced tree species			2569879	2659224	2489930	2505364	2502648	2503256	2500102	2494122	2515093	2490434	
Total growing stock			3903799	3993144	3627010	3642444	3639728	3640336	3637182	3631482	3652173	3627794	

Analysis and processing of national data

Estimation and forecasting

FRA Categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)													
Native tree species			1990	2000	2005	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
#1 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#2 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#3 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#4 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#6 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#7 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#8 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#9 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#10 Ranked in terms of volume	NA	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Remaining native tree species			1.33392	1.33392	1.13708	1.13708	1.13708	1.13708	1.13708	1.13736	1.13708	1.13736	1.101199	1.09223	1.083262	1.074294
Total volume of native tree species			1.33392	1.33392	1.13708	1.13708	1.13708	1.13708	1.13708	1.13736	1.13708	1.13736	1.101199	1.09223	1.083262	1.074294
Introduced tree species																
#1 Ranked in terms of volume	<i>Pinus eliottii</i>	Slash Pine	1.00544	1.033984	1.042304	1.049472	1.046528	1.046912	1.046912	1.041536	1.05216	1.03744	1.049394	1.050647	1.051899	1.060199
#2 Ranked in terms of volume	<i>Eucalyptus sp</i>	Eucalyptus	0.632493	0.68913	0.65844	0.669786	0.669786	0.669786	0.666624	0.666624	0.684387	0.666624	0.672543	0.67337	0.674198	0.681447
#3 Ranked in terms of volume	<i>Araucaria species</i>	Araucaria	0.20658	0.21054	0.21285	0.21285	0.075426	0.075426	0.075426	0.075426	0.21285	0.075426	0.07554	0.075569	0.075597	0.094533
#4 Ranked in terms of volume	<i>Tabebuia pallida</i>	Tecoma	0.12	0.12	0.12735	0.12735	0.12735	0.12735	0.12735	0.12735	0.12735	0.12735	0.128696	0.129031	0.129366	0.130003
#5 Ranked in terms of volume	<i>Cryptomeria japonica</i>	Japanese Cedar	0.074802	0.074802	0.075426	0.075426	0.21285	0.21285	0.21285	0.21285	0.075426	0.21285	0.213914	0.214143	0.214372	0.195969
#6 Ranked in terms of volume	<i>Casuarina equisetifolia</i>	Filao	0.027852	0.029568	0.029832	0.029832	0.029304	0.029304	0.029172	0.028512	0.029832	0.028248	0.029096	0.029106	0.029115	0.02974
Remaining introduced tree species			0.502712	0.5012	0.343728	0.340648	0.341404	0.341628	0.341768	0.341824	0.333088	0.342496	0.312479	0.305159	0.297839	0.275857
Total volume of introduced tree species			2.569879	2.659224	2.48993	2.505364	2.502648	2.503256	2.500102	2.494122	2.515093	2.490434	2.481662	2.477024	2.472386	2.467748
Total growing stock			3.903799	3.993144	3.62701	3.642444	3.639728	3.640336	3.637182	3.631482	3.652173	3.627794	3.582861	3.569255	3.555648	3.542042

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)				
			1990	2000	2010	2015	2020
Native tree species							
#1 Ranked in terms of volume	NA	NA					
#2 Ranked in terms of volume	NA	NA					
#3 Ranked in terms of volume	NA	NA					
#4 Ranked in terms of volume	NA	NA					
#5 Ranked in terms of volume	NA	NA					
#6 Ranked in terms of volume	NA	NA					
#7 Ranked in terms of volume	NA	NA					
#8 Ranked in terms of volume	NA	NA					
#9 Ranked in terms of volume	NA	NA					
#10 Ranked in terms of volume	NA	NA					
Remaining native tree species			1.33	1.33	1.14	1.14	1.07
Total volume of native tree species			1.33	1.33	1.14	1.14	1.07
Introduced tree species							
#1 Ranked in terms of volume	Pinus elliottii	Slash Pine	1.01	1.03	1.05	1.05	1.06
#2 Ranked in terms of volume	Eucalyptus species	Eucalyptus	0.63	0.69	0.67	0.68	0.68
#3 Ranked in terms of volume	Tabebuia pallida	Tecoma	0.12	0.12	0.13	0.13	0.13
#4 Ranked in terms of volume	Casuarina equisetifolia	Filao	0.03	0.03	0.03	0.03	0.03
#5 Ranked in terms of volume	Araucaria species	Araucaria	0.21	0.21	0.21	0.21	0.09
Remaining introduced tree species			0.58	0.58	0.42	0.41	0.47
Total volume of introduced tree species			2.58	2.66	2.51	2.51	2.46

FRA categories	Scientific name	Common name	Growing stock in forest (million m³ over bark)				
			1990	2000	2010	2015	2020
Native tree species							
Total growing stock			3.91	3.99	3.65	3.65	3.53

Comments

Growing stock is not available for native species individually. Native forests are heterogenous and very diverse with individuals of various species and age groups growing together, rendering an assessment of growing stock for each species tedious, time-consuming and difficult to extrapolate.

2c Biomass stock

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and also to local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

Data from tables 1b and 2a were used as input to the biomass calculator.

Analysis and processing of national data

Estimation and forecasting

Forest category	1990	2000	2010	2015	2016	2017	2018	2019	2020
	1000 ha	1000 ha	1000 ha	1000 ha	1000 ha	1000 ha	1000 ha	1000 ha	1000 ha
Naturally regenerating forest	23.82	23.82	20.31	20.3	20.3	20.3	20.3	20.3	20.3
Plantation forest	0	0	0	0	0	0	0	0	0
...of which introduced species	0	0	0	0	0	0	0	0	0
Other planted forest	17.25	18.11	18.05	18	17.99	17.98	17.97	17.96	17.95
Total	41.07	41.93	38.36	38.3	38.29	38.28	38.27	38.26	38.25
Input data on Growing stock from reporting table 2a									
Forest category	1990	2000	2010	2015	2016	2017	2018	2019	2020
	m³/ha	m³/ha	m³/ha	m³/ha	m³/ha	m³/ha	m³/ha	m³/ha	m³/ha
Naturally regenerating forest	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
Planted forest	119.8	119.2	119.7	119.7	119.7	119.7	119.7	119.7	119.7
...of which plantation forest									
...of which other planted forest	119.8	119.2	119.7	119.7	119.7	119.7	119.7	119.7	119.7
Total	82.68	83.18	85.87	85.83	85.82	85.81	85.80	85.80	85.79
When finished, copy this area into section Analysis and processing of national data in table 2c in the FRA platform									

Insert the percentages of Growing stock by IPCC forest type for each of the FRA forest categories									
IPCC forest types	FRA forest categories								
	Naturally regenerating forest	Plantation forest	Other planted forest						
	% of Growing stock								
Broadleaved humid	50%	20%	25%						
Broadleaved dry	50%	20%	25%						
Coniferous	0%	60%	50%						
	100%	100%	100%	Must add up to 100%					
Insert Carbon fraction used by country (IPCC default = 0.47)									
Carbon Fraction	47%								
Biomass conversion and expansion factors (BCEF)									
Naturally regenerating forest	1990	2000	2010	2015	2016	2017	2018	2019	2020
Broadleaved humid	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05
Broadleaved dry	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05
Coniferous	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Plantation forest									
Broadleaved humid									
Broadleaved dry									
Coniferous									
Other planted forest									
Broadleaved humid	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Broadleaved dry	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Coniferous	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
Weighted BCEF									

Naturally regenerating forest	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05
Plantation forest									
Other planted forest	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Root-shoot ratios									
Naturally regenerating forest	1990	2000	2010	2015	2016	2017	2018	2019	2020
Broadleaved humid	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Broadleaved dry	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Coniferous	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
Plantation forest									
Broadleaved humid									
Broadleaved dry									
Coniferous									
Other planted forest									
Broadleaved humid	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Broadleaved dry	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Coniferous	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
Weighted RS ratio									
Naturally regenerating forest	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Plantation forest									
Other planted forest	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Above-ground biomass (t/ha)									
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	114.39	114.39	114.39	114.39	114.39	114.39	114.39	114.39	114.39
Plantation forest									
Other planted forest	135.37	134.70	135.26	135.26	135.26	135.26	135.26	135.26	135.26
Total	123.20	123.16	124.21	124.20	124.20	124.19	124.19	124.19	124.18

Below-ground biomass (t/ha)									
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Naturally regenerating forest	27.45	27.45	27.45	27.45	27.45	27.45	27.45	27.45	27.45
Plantation forest									
Other planted forest	37.23	37.04	37.20	37.20	37.20	37.20	37.20	37.20	37.20
Total	31.56	31.59	32.04	32.03	32.03	32.03	32.03	32.03	32.03

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Forest biomass (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass	123.20	123.16	124.21	124.20	124.20	124.19	124.19	124.19	124.18
Below-ground biomass	31.56	31.59	32.04	32.03	32.03	32.03	32.03	32.03	32.03
Dead wood									

Comments

National data on dead wood biomass is not available. The IPCC default value is also not available since it is considered too weak.

2d Carbon stock

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and also to local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

Category	Species	Carbon stock in litter and soil - Year 1990					Carbon stock in litter and soil - Year 2000					Carbon stock in litter and soil - Year 2005				
		Extent (ha)	Default value Litter C ton C/ha	Total Litter C ton	Default value Soil Organic C ton C/ha	Total Soil Organic C ton	Extent (ha)	Default value Litter C ton C/ha	Total Litter C ton	Default value Soil Organic C ton C/ha	Total Soil Organic C ton	Extent (ha)	Default value Litter C ton C/ha	Total Litter C ton	Default value Soil Organic C ton C/ha	Total Soil Organic C ton
Forest	Pinus elliottii	7855	5.2	40846	70	549850	8078	5.2	42006	70	565460	8143	5.2	42344	70	570010
	Eucalyptus spp.	6801	2.1	14282	70	476070	7410	2.1	15561	70	518700	7080	2.1	14868	70	495600
	Cryptomeria japonica	959	5.2	4987	70	67130	959	5.2	4987	70	67130	967	5.2	5028	70	67690
	Tabebuia pallida	800	2.1	1680	70	56000	800	2.1	1680	70	56000	849	2.1	1783	70	59430
	Araucaria spp.	626	5.2	3255	70	43820	638	5.2	3318	70	44660	645	5.2	3354	70	45150
	Casuarina equisetifolia	211	5.2	1097	70	14770	224	5.2	1165	70	15680	226	5.2	1175	70	15820
	Others(mostly native forests severely invaded by alien plant species)	23820	2.1	50022	70	1667400	23820	2.1	50022	70	1667400	20305	2.1	42640	70	1421350
Subtotal		41072		116169		2875040	41929		118739		2935030	38215		111192		2675050
Other Wooded Land (OWL)	Mostly exotic species	17954	2.1	37703	70	1256780	17900	2.1	37590	70	1253000	12276	2.1	25780	70	851620
TOTAL		59026		153872		4131820	59829		156329		4188030	50491		136972		3534370
		Carbon stock in litter and soil - Year 2010					Carbon stock in litter and soil - Year 2015									
Category	Species	Extent (ha)	Default value Litter C ton C/ha	Total Litter C ton	Default value Soil Organic C ton C/ha	Total Soil Organic C ton	Extent (ha)	Default value Litter C ton C/ha	Total Litter C ton	Default value Soil Organic C ton C/ha	Total Soil Organic C ton					
Forest	Pinus elliottii	8199	5.2	42635	70	573930	8220	5.2	42744	70	575400					
	Eucalyptus spp.	7202	2.1	15124	70	504140	7359	2.1	15454	70	515130					
	Cryptomeria japonica	967	5.2	5028	70	67690	967	5.2	5028	70	67690					
	Tabebuia pallida	849	2.1	1783	70	59430	849	2.1	1783	70	59430					

	Araucaria spp.	645	5.2	3354	70	45150	645	5.2	3354	70	45150					
	Casuarina equisetifolia	226	5.2	1175	70	15820	226	5.2	1175	70	15820					
	Others(mostly native forests severely invaded by alien plant species)	20305	2.1	42640	70	1421350	20305	2.1	42640	70	1421350					
Subtotal		38393		111739		2687510	38571		112178		2699970					
Other Wooded Land (OWL)	Mostly exotic species	12166	2.1	25548	70	851620	11896	2.1	24981	70	832720					
TOTAL		50559		137287		3539130	50467		137159		3532690					

Category	Species	Carbon stock in litter and soil - year 1990					Carbon stock in litter and soil - year 2000					Carbon stock in litter and soil - year 2010				
		Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C	Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C	Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C
		(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)	(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)	(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)
Forest	<i>Pinus elliottii</i>	7855	5.2	40846	70	549850	8078	5.2	42006	70	565460	8199	5.2	42635	70	573930
	<i>Eucalyptus spp.</i>	6801	2.1	14282	70	476070	7410	2.1	15561	70	518700	7202	2.1	15124	70	504140
	<i>Cryptomeria japonica</i>	959	5.2	4987	70	67130	959	5.2	4987	70	67130	967	5.2	5028	70	67690
	<i>Tabebuia pallida</i>	800	2.1	1680	70	56000	800	2.1	1680	70	56000	849	2.1	1783	70	59430
	<i>Araucaria spp.</i>	626	5.2	3255	70	43820	638	5.2	3318	70	44660	645	5.2	3354	70	45150
	<i>Casuarina equisetifolia</i>	211	5.2	1097	70	14770	224	5.2	1165	70	15680	226	5.2	1175	70	15820
	Others(mostly native forests severely invaded by alien plant species)	23820	2.1	50022	70	1667400	23820	2.1	50022	70	1667400	20305	2.1	42641	70	1421350
Subtotal		41072		116169		2875040	41929		118738		2935030	38393		111740		2687510
Other Wooded Land (OWL)	Mostly exotic species	17954	2.1	37703	70	1256780	17900	2.1	37590	70	1253000	12166	2.1	25549	70	851620
TOTAL		59026		153873		4131820	59829		156328		4188030	50559		137289		3539130

Category	Species	Carbon stock in litter and soil - year 2011					Carbon stock in litter and soil - year 2012					Carbon stock in litter and soil - year 2013				
		Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C	Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C	Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C
		(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)	(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)	(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)
Forest	<i>Pinus elliottii</i>	8176	5.2	42515	70	572320	8179	5.2	42531	70	572530	8179	5.2	42531	70	572530
	<i>Eucalyptus spp.</i>	7202	2.1	15124	70	504140	7202	2.1	15124	70	504140	7168	2.1	15053	70	501760

	<i>Cryptomeria japonica</i>	967	5.2	5028	70	67690	967	5.2	5028	70	67690	967	5.2	5028	70	67690
	<i>Tabebuia pallida</i>	849	2.1	1783	70	59430	849	2.1	1783	70	59430	849	2.1	1783	70	59430
	<i>Araucaria spp.</i>	645	5.2	3354	70	45150	645	5.2	3354	70	45150	645	5.2	3354	70	45150
	<i>Casuarina equisetifolia</i>	222	5.2	1154	70	15540	222	5.2	1154	70	15540	221	5.2	1149	70	15470
	Others(mostly native forests severely invaded by alien plant species)	20305	2.1	42641	70	1421350	20305	2.1	42641	70	1421350	20305	2.1	42641	70	1421350
Subtotal		38366		111600		2685620	38369		111615		2685830	38334		111539		2683380
Other Wooded Land (OWL)	Mostly exotic species	12193	2.1	25605	70	853510	12201	2.1	25622	70	854070	12206	2.1	25633	70	854420
TOTAL		50559		137205		3539130	50570		137237		3539900	50540		137171		3537800
Category	Species	Carbon stock in litter and soil - year 2014					Carbon stock in litter and soil - year 2015					Carbon stock in litter and soil - year 2016				
		Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C	Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C	Extent	Default value Litter C	Total Litter C	Default value Soil Organic C	Total Soil Organic C
		(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)	(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)	(ha)	(ton C/ha)	(ton)	(ton C/ha)	(ton)
Forest	<i>Pinus elliottii</i>	8137	5.2	42312	70	569590	8111	5.2	42177	70	567770	8105	5.2	42146	70	567350
	<i>Eucalyptus spp.</i>	7168	2.1	15053	70	501760	7168	2.1	15053	70	501760	7168	2.1	15053	70	501760
	<i>Cryptomeria japonica</i>	967	5.2	5028	70	67690	967	5.2	5028	70	67690	967	5.2	5028	70	67690
	<i>Tabebuia pallida</i>	849	2.1	1783	70	59430	849	2.1	1783	70	59430	849	2.1	1783	70	59430
	<i>Araucaria spp.</i>	645	5.2	3354	70	45150	645	5.2	3354	70	45150	645	5.2	3354	70	45150
	<i>Casuarina equisetifolia</i>	216	5.2	1123	70	15120	216	5.2	1123	70	15120	214	5.2	1113	70	14980
	Others(mostly native forests severely invaded by alien plant species)	20310	2.1	42651	70	1421700	20310	2.1	42651	70	1421700	20310	2.1	42651	70	1421700
Subtotal		38292		111305		2680440	38266		111170		2678620	38258		111128		2678060
Other Wooded Land (OWL)	Mostly exotic species	12208	2.1	25637	70	854560	12224	2.1	25670	70	855680	12232	2.1	25687	70	856240
TOTAL		50500		136942		3535000	50490		136840		3534300	50490		136815		3534300

Analysis and processing of national data

Estimation and forecasting

For carbon in biomass, see table 2c

Weighted value for litter carbon from original data above, is 2.83 t/ha

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Forest carbon (tonnes/ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Carbon in above-ground biomass	57.91	57.89	58.38	58.37	58.37	58.37	58.37	58.37	58.37
Carbon in below-ground biomass	14.83	14.85	15.06	15.06	15.05	15.05	15.05	15.05	15.05
Carbon in dead wood									
Carbon in litter	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
Soil carbon	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00

Soil depth (cm) used for soil carbon estimates	30.00
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Comments

National data on dead wood biomass are not available. The IPCC default value is also not available since it is considered too weak.

3 Forest designation and management

3a Designated management objective

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2015). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet the FRA requirements.

Original data

Primary designated management objective	Forest area (1000 ha)			
	1990	2000	2010	2015
Production (a)	12.32	12.58	11.52	7.66
Protection of soil and water (b)	17.25	17.61	16.13	16.85
Conservation of biodiversity (c)	8.63	8.8	6.72	7.66
Social Services (d)	2.87	2.94	2.69	3.06
Multiple use (e)	0	0	1.33	3.07
Other (specify in comments) (f)	0	0	0	0
None/ unknown (g)	0	0	0	0
Total forest area	41.07	41.93	38.39	38.3
Total area with designated management objective	Forest area (1000 ha)			
	1990	2000	2010	2015
Production	12.321	12.579	11.513	7.66
Protection of soil and water	28.751	29.35	26.875	27.571
Conservation of biodiversity	28.751	29.35	26.875	27.571
Social Services	5.4	6.5	7.7	8.3
Other (specify in comments)	0	0	0	0

Analysis and processing of national data

Estimation and forecasting

Primary designated management objective	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production (a)	12.32	12.58	11.52	7.66	7.5

Protection of soil and water (b)	17.25	17.61	16.13	16.85	17.15
Conservation of biodiversity (c)	8.63	8.8	6.72	7.66	7.86
Social Services (d)	2.87	2.94	2.69	3.06	3.12
Multiple use (e)	0	0	1.33	3.07	3.14
Other (specify in comments) (f)	0	0	0	0	0
None/ unknown (g)	0	0	0	0	0
Total forest area	41.07	41.93	38.39	38.3	38.77
Total area with designated management objective	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production	12.321	12.579	11.513	7.66	7.5
Protection of soil and water	28.751	29.35	26.875	27.571	28.3
Conservation of biodiversity	28.751	29.35	26.875	27.571	28.3
Social Services	5.4	6.5	7.7	8.3	8.35
Other (specify in comments)	0	0	0	0	0

Reclassification into FRA 2020 categories

Reclassification is not required.

Primary designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production (a)	12.32	12.58	11.52	7.66	7.50
Protection of soil and water (b)	17.25	17.61	16.13	16.85	17.15
Conservation of biodiversity (c)	8.63	8.80	6.72	7.66	7.86
Social Services (d)	2.87	2.94	2.69	3.06	3.12
Multiple use (e)	0.00	0.00	1.33	3.07	3.14
Other (specify in comments) (f)	0.00	0.00	0.00	0.00	0.00
None/unknown (g)	0.00	0.00	0.00	0.00	0.00
Total forest area	41.07	41.93	38.39	38.30	38.77

Total area with designated management objective

FRA 2020 categories	Forest area (1000 ha)				
	1990	2000	2010	2015	2020
Production	12.32	12.58	11.52	7.66	7.50
Protection of soil and water	28.75	29.35	26.88	27.57	28.30
Conservation of biodiversity	28.75	29.35	26.88	27.57	28.30
Social Services	5.40	6.50	7.70	8.30	8.35
Other (specify in comments)	0.00	0.00	0.00	0.00	0.00

Comments

3b Forest area within protected areas and forest area with long-term management plans

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet the FRA requirements.

Original data

FRA 2020 categories	Forest area (1000 ha)			
	1990	2000	2015	2016
Forest area within protected areas	12.13	14.53	14.91	14.91
Forest area with long-term forest management plan	5.63	7.85	8.27	8.27
... of which in protected areas	5.63	7.85	8.27	8.27

Analysis and processing of national data

Estimation and forecasting

FRA 2020 categories	Forest area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest area within protected areas	12.13	14.53	14.81	14.91	14.91	14.91	14.91	14.91	14.91
Forest area with long-term forest management plan	5.63	7.85	8.25	8.27	8.27	8.27	8.27	8.27	8.27
... of which in protected areas	5.63	7.85	8.25	8.27	8.27	8.27	8.27	8.27	8.27

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Area (1000 ha)								
	1990	2000	2010	2015	2016	2017	2018	2019	2020
Forest area within protected areas	12.13	14.53	14.81	14.83	14.83	14.83	14.83	14.83	14.83
Forest area with long-term forest management plan	5.63	7.85	8.25	8.27	8.27	8.27	8.27	8.27	8.27
...of which in protected areas	5.63	7.85	8.25	8.27	8.27	8.27	8.27	8.27	8.27

Comments

"Forest area within protected areas" includes forests protected by the following acts and conventions:

1. the Native Terrestrial Biodiversity & National Parks Act of 2015;
2. the Forests and Reserves Act of 1983 (as amended in 1986 and 2003);
3. the Vallée d'Osterlog Endemic Garden Foundation Act of 2007; and
4. the Ramsar Convention for Wetlands of International Importance.

4 Forest ownership and management rights

4a Forest ownership

National Data

Data sources + type of data source eg NFI, etc

1. Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

FRA 2020 categories	Forest area (1000 ha)			
	1990	2000	2010	2015
Private ownership (a)	17.715	17.783	14.543	14.525
... of which owned by individuals				
... of which owned by private entities and institutions				
... of which owned by local, tribal and indigenous communities				
Public ownership (b)	23.357	24.146	23.85	23.775
Unknown/other (specify in comments) (c)	0	0	0	0
Total forest area	41.072	41.929	38.393	38.300

Analysis and processing of national data

Estimation and forecasting

Estimation and forecasting are not required

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Forest area (1000 ha)			
	1990	2000	2010	2015
Private ownership (a)	17.72	17.78	14.54	14.53
...of which owned by individuals				
...of which owned by private business entities and institutions				
...of which owned by local, tribal and indigenous communities				
Public ownership (b)	23.35	24.14	23.85	23.77
Unknown/other (specify in comments) (c)	0.00	0.01	0.00	0.00
Total forest area	41.07	41.93	38.39	38.30

Comments

There are only 2 types of forest ownership. The forest areas are either State- owned or privately- owned by individuals or business entities. There are no communal forests and no communities live within or are dependent on forests.

4b Holder of management rights of public forests

National Data

Data sources + type of data source eg NFI, etc

- 1. Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2015). Annual Report of the Forestry Service
- 2. Ministry of Lands and Housing, 2015

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet the FRA requirements.

Original data

Original data has been input in the table below.

Analysis and processing of national data

Estimation and forecasting

Estimation is not required.

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Forest area (1000 ha)			
	1990	2000	2010	2015
Public Administration (a)	23.35	24.14	23.85	23.77
Individuals (b)	0.00	0.00	0.00	0.00
Private business entities and institutions (c)	0.00	0.00	0.00	0.00
Local, tribal and indigenous communities (d)	0.00	0.00	0.00	0.00
Unknown/other (specify in comments) (e)	0.00	0.00	0.00	0.00
Total public ownership	23.35	24.14	23.85	23.77

Comments

Although large extents of public forests are leased to private companies, mainly for deer ranching and ecotourism activities, the management rights of these forests remain under public administration.

5 Forest disturbances

5a Disturbances

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet the FRA requirements.

Original data

Input provided in table below.

Analysis and processing of national data

Estimation and forecasting

Estimation and forecasting is not required.

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Area (1000 ha)																	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Insects (a)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Diseases (b)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Severe weather events (c)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other (specify in comments) (d)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total (a+b+c+d)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	–
Total forest area	41.93	–	–	–	–	38.21	–	–	–	–	38.39	38.39	38.40	38.37	38.33	38.30	38.29	38.65

Comments

- 1. Severe weather events include cyclones and droughts.
- 2. Data is not available for year 2017.

5b Area affected by fire

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

Original data has been input in table below.

Analysis and processing of national data

Estimation and forecasting

Estimation is not required. Firebreaks are maintained in fire-prone areas by the Forestry Service.

Reclassification into FRA 2020 categories

Reclassification is not required.

FRA categories	Area (1000 ha)																	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total land area affected by fire				0.17	0.09	0.12	0.30	0.25	0.13	0.12	0.25	0.20	0.15					
...of which on forest	0.03	0.07	0.04	0.13	0.09	0.06	0.09	0.15	0.14	0.12	0.19	0.09	0.15	0.16	0.21	0.08	0.06	

Comments

- 1. Total land area burnt: Data is not available for years 2000-2002 & 2013-2017.
- 2. Forest area burnt: Data is not available for year 2017.

5c Degraded forest

Does your country monitor area of degraded forest		Yes
If "yes"	What is the national definition of "Degraded forest"?	Degraded forests refer to forests which are subject to landslides/ soil erosion, infestation by invasive alien species, overgrazing, forest fires and loss of ecosystem functions and services.
	Describe the monitoring process and results	Forest areas are monitored on a regular basis and identified areas are managed for restoration.

Comments

6 Forest policy and legislation

6a Policies, Legislation and national platform for stakeholder participation in forest policy

National Data

Data sources + type of data source eg NFI, etc

- 1. Ministry of Agro-Industry & Fisheries, Government of Mauritius (2006). National Forest Policy for the Republic of Mauritius.
- 2. Ministry of Agro-Industry & Fisheries, Government of Mauritius (1983). The Forests and Reserves Act, 1983

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

Category	National	Sub-national		
		Regional	Provincial/State	Local
Policies supporting sustainable forest management	yes	no	no	no
... of which, in publicly owned forests	yes	no	no	no
... of which, in privately owned forests	no	no	no	no
Legislations and regulations supporting sustainable forest management	yes	no	no	no
... of which, in publicly owned forests	yes	no	no	no
... of which, in privately owned forests	no	no	no	no

Indicate the existence of	Boolean (Yes/No)	
	National	Sub-national
Policies supporting SFM	Yes	No
Legislations and regulations supporting SFM	Yes	No
Platform that promotes or allows for stakeholder participation in forest policy development	Yes	No
Traceability system(s) for wood products	Yes	No

Comments

6b Area of permanent forest estate

National Data

Data sources + type of data source eg NFI, etc

- 1. Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service
- 2. Ministry of Agro-Industry & Fisheries, Government of Mauritius(1984). The Forests and Reserves Act, 1983

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

Original data has been input in the table below.

FRA 2020 categories	Forest area (1000 ha)					
	Applicable?	1990	2000	2010	2015	2020
Area of permanent forest estate	No					

Comments

The Forests and Reserves Act of 1983 makes provision for the proclamation of *National Forests*, which are inalienable and are not to be devoted to any use other than as forest land. But no forest area has been declared as such to date.

7 Employment, education and NWFP

7a Employment in forestry and logging

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2015). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

Original data has been input in table below.

FRA 2020 categories	Full-time equivalents (1000 FTE)											
	1990			2000			2010			2015		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Employment in forestry and logging	2.30	0.02	2.28	2.55	0.06	2.49	3.10	0.07	3.03	3.80	0.19	3.61
...of which silviculture and other forestry activities	1.44	0.01	1.43	1.50	0.02	1.48	1.80	0.05	1.60	2.00	0.08	1.92
...of which logging	0.70	0.00	0.70	0.90	0.01	0.89	1.00	0.01	1.19	1.50	0.01	1.49
...of which gathering of non wood forest products	0.06	0.00	0.06	0.10	0.01	0.09	0.10	0.01	0.11	0.10	0.02	0.08
...of which support services to forestry	0.10	0.01	0.09	0.15	0.02	0.13	0.20	0.20	0.13	0.20	0.08	0.12

Comments

There is no official data regarding employment in forestry and logging in the private sector. Estimation is based on local expert knowledge.

7b Graduation of students in forest-related education

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet FRA 2020 requirements.

Original data

Input has been effected in table below.

FRA 2020 categories	Number of graduated students											
	1990			2000			2010			2015		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Doctoral degree	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Master's degree	0.00	0.00	0.00	0.00	0.00	0.00	4.00	1.00	3.00	0.00	0.00	0.00
Bachelor's degree	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Technician certificate / diploma	30.00	0.00	30.00	43.00	0.00	43.00	19.00	0.00	19.00	0.00	0.00	0.00
Total	30.00	0.00	30.00	43.00	0.00	43.00	23.00	1.00	22.00	0.00	0.00	0.00

Comments

From 1998 to 2014, 92 Forest Officers successfully completed the Certificate in Forestry run by the University of Mauritius.

7c Non wood forest products removals and value 2015

National Data

Data sources + type of data source eg NFI, etc

Ministry of Agro Industry & Food Security, Government of Mauritius (1990-2016). Annual Report of the Forestry Service.

National classification and definitions

National classification and definitions are not available. But, according to the above data sources and based on local expert knowledge, it is assumed that the national classification and local definitions meet the FRA requirements.

Original data

Original data has been provided in the table below.

	Name of NWFP product	Key species	Quantity	Unit	Value (1000 local currency)	NWFP category
#1	Deer	Cervus timorensis russa	450	tonne	65 000	12 Wild meat
#2	Honey	Apis mellifera	30	tonne	3 000	11 Wild honey and bee wax
#3	Wild pig	Sus scrofa	10	tonne	1 500	12 Wild meat
#4	Fruits	Psidium cattleianum	500	tonne	25 000	1 Food
#5	Fodder	Ischaemum aristatum	45 000	tonne	3 500	2 Fodder
#6	Leaves and fibres	Pandanus utilis	500	tonne	50	5 Raw material for utensils handicrafts construction
#7	Flowers	Molineria capitulata	200	tonne	20	6 Ornamental plants
#8	Pine Christmas tree	Pinus elliottii	7 000	unit	700	6 Ornamental plants
#9						
#10						
All other plant products					1 080	
All other animal products					1 150	
Total					101 000	

Name of currency	MUR
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Comments

1. Fruits include *Psidium cattleianum* and *Mangifera indica*.
2. Fodder includes *Ischaemum aristatum*, *Pennisetum purpureum* and *Leucaena leucocephala*.

8 Sustainable Development Goal 15

8a Sustainable Development Goal 15

SDG Indicator 15.1.1 Forest area as proportion of total land area 2015

Indicator	Percent							
	2000	2010	2015	2016	2017	2018	2019	2020
Forest area as proportion of total land area 2015	20.66	18.91	18.87	18.86	19.04	19.06	19.08	19.10

Name of agency responsible	
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SDG Indicator 15.2.1 Progress towards sustainable forest management

Sub-Indicator 1	Percent						
	2000-2010	2010-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Forest area annual net change rate	-0.88	-0.05	-0.03	0.93	0.10	0.10	0.10

Name of agency responsible	
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Sub-Indicator 2	Forest biomass (tonnes/ha)							
	2000	2010	2015	2016	2017	2018	2019	2020
Above-ground biomass stock in forest	123.16	124.21	124.20	124.20	124.19	124.19	124.19	124.18

Name of agency responsible	
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Sub-Indicator 3	Percent (2015 forest area baseline)							
	2000	2010	2015	2016	2017	2018	2019	2020
Proportion of forest area located within legally established protected areas	37.94	38.67	38.72	38.72	38.72	38.72	38.72	38.72

Name of agency responsible	
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Sub-Indicator 4	Percent (2015 forest area baseline)							
	2000	2010	2015	2016	2017	2018	2019	2020
Proportion of forest area under long-term forest management plan	20.50	21.54	21.59	21.59	21.59	21.59	21.59	21.59

Name of agency responsible	
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Sub-Indicator 5	Forest area (1000 ha)							
	2000	2010	2015	2016	2017	2018	2019	2020
Forest area under independently verified forest management certification schemes	0.00	0.00	0.00	0.00	0.00	0.00	–	–