

## Report from Palau



**United Nations**  
Convention to Combat  
Desertification

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## Contents

### 1. SO: Strategic objectives

- A. SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.
  - S01-1 Trends in land cover
  - S01-2 Trends in land productivity or functioning of the land
  - S01-3 Trends in carbon stocks above and below ground
  - S01-4 Proportion of degraded land over the total land area
  - S01 Voluntary Targets
- B. SO-2: To improve the living conditions of affected populations.
  - S02-1 Trends in population living below the relative poverty line and/or income inequality in affected areas
  - S02-2 Trends in access to safe drinking water in affected areas
  - S02-3 Trends in the proportion of population exposed to land degradation disaggregated by sex
  - S02 Voluntary Targets
- C. SO-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.
  - S03-1 Trends in the proportion of land under drought over the total land area
  - S03-2 Trends in the proportion of the population exposed to drought
  - S03-3 Trends in the degree of drought vulnerability
  - S03 Voluntary Targets
- D. SO-4: To generate global environmental benefits through effective implementation of the United Nations Convention to Combat Desertification.
  - S04-1 Trends in carbon stocks above and below ground
  - S04-2 Trends in abundance and distribution of selected species
  - S04-3 Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type
  - S04 Voluntary Targets
- E. SO-5: To mobilize substantial and additional financial and non-financial resources to support the implementation of the Convention by building effective partnerships at global and national level
  - S05-1 Bilateral and multilateral public resources
  - S05-2 Domestic public resources
  - S05-3 International and domestic private resources
  - S05-4 Technology transfer
  - S05-5 Future support for activities related to the implementation of the Convention

### 2. IF: Implementation Framework

- A. Financial and Non-Financial Sources
- B. Policy and Planning
- C. Action on the Ground

### 3. AI: Additional indicators

### 4. Other files for Reporting

### 5. Templated Maps

- A. Land cover in the initial year of the baseline period
- B. Land cover in the baseline year
- C. Land cover in the latest reporting year
- D. Land cover change in the baseline period
- E. Land cover change in the reporting period
- F. Land cover degradation in the baseline period
- G. Land cover degradation in the reporting period
- H. Land productivity dynamics in the baseline period
- I. Land productivity dynamics in the reporting period
- J. Land productivity degradation in the baseline period
- K. Land productivity degradation in the reporting period
- L. Soil organic carbon stock in the initial year of the baseline period
- M. Soil organic carbon stock in the baseline year
- N. Soil organic carbon stock in the latest reporting year

- O. Change in soil organic carbon stock in the baseline period
- P. Change in soil organic carbon stock in the reporting period
- Q. Soil organic carbon degradation in the baseline period
- R. Soil organic carbon degradation in the reporting period
- S. Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the baseline period
- T. Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the reporting period
- U. Progress towards Land Degradation Neutrality (LDN) in the reporting period
- V. Total Population exposed to land degradation (baseline)
- W. Female Population exposed to land degradation (baseline)
- X. Male Population exposed to land degradation (baseline)
- Y. Total Population exposed to land degradation (reporting)
- Z. Female Population exposed to land degradation (reporting)
- AA. Male Population exposed to land degradation (reporting)
- AB. Drought hazard in first epoch of baseline period
- AC. Drought hazard in second epoch of baseline period
- AD. Drought hazard in third epoch of baseline period
- AE. Drought hazard in fourth epoch of baseline period
- AF. Drought hazard in the reporting period
- AG. Drought exposure in first epoch of baseline period
- AH. Drought exposure in second epoch of baseline period
- AI. Drought exposure in third epoch of baseline period
- AJ. Drought exposure in fourth epoch of baseline period
- AK. Drought exposure in the reporting period
- AL. Female drought exposure in the reporting period
- AM. Male drought exposure in the reporting period



## SO1-1 Trends in land cover

### Land area

SO1-1.T1: National estimates of the total land area, the area covered by water bodies and total country area

Year	Total land area (km <sup>2</sup> )	Water bodies (km <sup>2</sup> )	Total country area (km <sup>2</sup> )	Comments
2 001	362	97	459	
2 005	362	97	459	
2 010	362	97	459	
2 015	362	97	459	
2 019	362	97	459	

### Land cover legend and transition matrix

SO1-1.T2: Key Degradation Processes

Degradation Process	Starting Land Cover	Ending Land Cover
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Are the seven UNCCD land cover classes sufficient to monitor the key degradation processes in your country?

- Yes  
 No

SO1-1.T4: UNCCD land cover legend transition matrix

Original/ Final	Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial surfaces	Other Lands	Water bodies
Tree-covered areas	0	-	-	-	-	-	0
Grasslands	+	0	+	-	-	-	0
Croplands	+	-	0	-	-	-	0
Wetlands	-	-	-	0	-	-	0
Artificial surfaces	+	+	+	+	0	+	0
Other Lands	+	+	+	+	-	0	0
Water bodies	0	0	0	0	0	0	0

### Land cover

SO1-1.T5: National estimates of land cover (km<sup>2</sup>) for the baseline and reporting period

	Tree-covered areas (km <sup>2</sup> )	Grasslands (km <sup>2</sup> )	Croplands (km <sup>2</sup> )	Wetlands (km <sup>2</sup> )	Artificial surfaces (km <sup>2</sup> )	Other Lands (km <sup>2</sup> )	Water bodies (km <sup>2</sup> )	No data (km <sup>2</sup> )
2000	266	0	64	28	2	0	98	
2001	266	0	64	28	2	0	98	
2002	266	0	64	28	2	0	98	
2003	266	0	64	28	2	0	98	
2004	266	0	64	28	2	0	98	
2005	266	0	64	28	2	0	98	
2006	266	0	64	28	2	0	98	
2007	266	0	64	28	2	0	98	

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

	Tree-covered areas (km <sup>2</sup> )	Grasslands (km <sup>2</sup> )	Croplands (km <sup>2</sup> )	Wetlands (km <sup>2</sup> )	Artificial surfaces (km <sup>2</sup> )	Other Lands (km <sup>2</sup> )	Water bodies (km <sup>2</sup> )	No data (km <sup>2</sup> )
2008	266	0	64	28	2	0	98	
2009	266	0	64	28	2	0	98	
2010	266	0	64	28	2	0	98	
2011	266	0	64	28	2	0	98	
2012	266	0	64	28	2	0	98	
2013	266	0	64	28	2	0	98	
2014	232	0	101	26	2	0	97	
2015	232	0	101	26	2	0	97	
2016	231	0	102	26	2	0	97	
2017	231	0	102	26	2	0	97	
2018	231	0	102	26	2	0	97	
2019	230	0	103	26	2	0	97	
2020								

### Land cover change

#### SO1-1.T6: National estimates of land cover change (km<sup>2</sup>) for the baseline period

	Tree-covered areas (km <sup>2</sup> )	Grasslands (km <sup>2</sup> )	Croplands (km <sup>2</sup> )	Wetlands (km <sup>2</sup> )	Artificial surfaces (km <sup>2</sup> )	Other Lands (km <sup>2</sup> )	Water bodies (km <sup>2</sup> )	Total (km <sup>2</sup> )
Tree-covered areas (km <sup>2</sup> )	232	0	34	0	0	0	0	266
Grasslands (km <sup>2</sup> )	0	0	0	0	0	0	0	0
Croplands (km <sup>2</sup> )	0	0	64	0	0	0	0	64
Wetlands (km <sup>2</sup> )	0	0	3	26	0	0	0	29
Artificial surfaces (km <sup>2</sup> )	0	0	0	0	2	0	0	2
Other Lands (km <sup>2</sup> )	0	0	0	0	0	0	0	0
Water bodies (km <sup>2</sup> )	0	0	0	0	0	0	97	97
Total	232	0	101	26	2	0	97	

#### SO1-1.T7: National estimates of land cover change (km<sup>2</sup>) for the reporting period

	Tree-covered areas (km <sup>2</sup> )	Grasslands (km <sup>2</sup> )	Croplands (km <sup>2</sup> )	Wetlands (km <sup>2</sup> )	Artificial surfaces (km <sup>2</sup> )	Other Lands (km <sup>2</sup> )	Water bodies (km <sup>2</sup> )	Total land area (km <sup>2</sup> )
Tree-covered areas (km <sup>2</sup> )	230	0	2	0	0	0	0	232
Grasslands (km <sup>2</sup> )	0	0	0	0	0	0	0	0
Croplands (km <sup>2</sup> )	0	0	101	0	0	0	0	101
Total	230	0	103	26	2	0	97	

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

	Tree-covered areas (km <sup>2</sup> )	Grasslands (km <sup>2</sup> )	Croplands (km <sup>2</sup> )	Wetlands (km <sup>2</sup> )	Artificial surfaces (km <sup>2</sup> )	Other Lands (km <sup>2</sup> )	Water bodies (km <sup>2</sup> )	Total land area (km <sup>2</sup> )
Wetlands (km <sup>2</sup> )	0	0	0	26	0	0	0	26
Artificial surfaces (km <sup>2</sup> )	0	0	0	0	2	0	0	2
Other Lands (km <sup>2</sup> )	0	0	0	0	0	0	0	0
Water bodies (km <sup>2</sup> )	0	0	0	0	0	0	97	97
Total	230	0	103	26	2	0	97	

### Land cover degradation

SO1-1.T8: National estimates of land cover degradation (km<sup>2</sup>) in the baseline period

	Area (km <sup>2</sup> )	Percent of total land area (%)
Land area with degraded land cover	36	7.8
Land area with non-degraded land cover	422	91.9
Land area with no land cover data	0	0.0

SO1-1.T9: National estimates of land cover degradation (km<sup>2</sup>) in the reporting period

	Area (km <sup>2</sup> )	Percent of total land area (%)
Land area with improved land cover	0	0.0
Land area with stable land cover	456	99.3
Land area with degraded land cover	2	0.4
Land area with no land cover data	0	0.0

### General comments

Palau has grassland areas and some cropland designated areas may not necessarily have crops present. There is a lake on Babeldaob however not shown on the spatial layer. For national data continuous 2000-2015 land cover data exists (only partial years).

## SO1-2 Trends in land productivity or functioning of the land

### Land productivity dynamics

SO1-2.T1: National estimates of land productivity dynamics (in km<sup>2</sup>) within each land cover class for the baseline period

Land cover class	Net land productivity dynamics (km <sup>2</sup> ) for the baseline period					
	Declining (km <sup>2</sup> )	Moderate Decline (km <sup>2</sup> )	Stressed (km <sup>2</sup> )	Stable (km <sup>2</sup> )	Increasing (km <sup>2</sup> )	No Data (km <sup>2</sup> )
Tree-covered areas	0	0	231	0	0	0
Grasslands	0	0	0	0	0	0
Croplands	0	0	64	0	0	0
Wetlands	0	0	26	0	0	0
Artificial surfaces	0	0	2	0	0	0
Other Lands	0	0	0	0	0	0
Water bodies	0	0	85	0	1	12

SO1-2.T2: National estimates of land productivity dynamics (in km<sup>2</sup>) within each land cover class for the reporting period.

Land cover class	Net land productivity dynamics (km <sup>2</sup> ) for the reporting period					
	Declining (km <sup>2</sup> )	Moderate Decline (km <sup>2</sup> )	Stressed (km <sup>2</sup> )	Stable (km <sup>2</sup> )	Increasing (km <sup>2</sup> )	No Data (km <sup>2</sup> )
Tree-covered areas	0	0	229	0	0	0
Grasslands	0	0	0	0	0	0
Croplands	0	0	64	0	0	0
Wetlands	0	0	26	0	0	0
Artificial surfaces	0	0	2	0	0	0
Other Lands	0	0	0	0	0	0
Water bodies	0	0	86	0	0	12

SO1-2.T3: National estimates of land productivity dynamics for areas where a land conversion to a new land cover class has taken place (in km<sup>2</sup>) for the baseline period.

Land Conversion		Net land productivity dynamics (km <sup>2</sup> ) for the baseline period					
From	To	Net area change (km <sup>2</sup> )	Declining (km <sup>2</sup> )	Moderate Decline (km <sup>2</sup> )	Stressed (km <sup>2</sup> )	Stable (km <sup>2</sup> )	Increasing (km <sup>2</sup> )
Tree-covered areas	Croplands	34	0	0	34	0	0
Wetlands	Croplands	3	0	0	3	0	0
Tree-covered areas	Grasslands	0	0	0	0	0	0
Tree-covered areas	Wetlands	0	0	0	0	0	0

SO1-2.T4: National estimates of land productivity dynamics for areas where a land conversion to a new land cover class has taken place (in km<sup>2</sup>) for the reporting period.

Land Conversion	Net land productivity dynamics (km <sup>2</sup> ) for the reporting period
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SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

From	To	Net area change (km <sup>2</sup> )	Declining (km <sup>2</sup> )	Moderate Decline (km <sup>2</sup> )	Stressed (km <sup>2</sup> )	Stable (km <sup>2</sup> )	Increasing (km <sup>2</sup> )
Tree-covered areas	Croplands	37	0	0	37	0	0
Wetlands	Croplands	3	0	0	3	0	0
Tree-covered areas	Grasslands	0	0	0	0	0	0
Tree-covered areas	Wetlands	0	0	0	0	0	0

### Land Productivity degradation

SO1-2.T5: National estimates of land productivity degradation in the baseline period

	Area (km <sup>2</sup> )	Percent of total land area (%)
Land area with degraded land productivity	0	0.0
Land area with non-degraded land productivity	360	99.4
Land area with no land productivity data	0	0.0

SO1-2.T6: National estimates of land productivity degradation in the reporting period

	Area (km <sup>2</sup> )	Percent of total land area (%)
Land area with improved land productivity	0	0.0
Land area with stable land productivity	361	99.7
Land area with degraded land productivity	0	0.0
Land area with no land productivity data	0	0.0

### General comments

## SO1-3 Trends in carbon stocks above and below ground

### Soil organic carbon stocks

SO1-3.T1: National estimates of the soil organic carbon stock in topsoil (0-30 cm) within each land cover class (in tonnes per hectare).

Year	Soil organic carbon stock in topsoil (t/ha)						
	Tree-covered areas	Grasslands	Croplands	Wetlands	Artificial surfaces	Other Lands	Water bodies
2000	170	113	240	208	184	0	12
2001	170	113	240	208	184	0	12
2002	170	113	240	208	184	0	12
2003	170	113	240	208	184	0	12
2004	170	113	240	208	184	0	12
2005	170	113	240	208	184	0	12
2006	170	113	240	208	184	0	12
2007	170	113	240	208	184	0	12
2008	170	113	240	208	184	0	12
2009	170	113	240	208	184	0	12
2010	170	113	240	208	184	0	12
2011	170	113	240	208	184	0	12
2012	170	113	240	208	184	0	12
2013	170	113	240	208	184	0	12
2014	194	113	153	228	184	0	12
2015	192	113	154	228	184	0	12
2016	193	113	152	228	184	0	12
2017	193	113	152	228	184	0	12
2018	194	113	152	228	184	0	12
2019	194	113	151	228	184	0	12
2020							

If you opted not to use default Tier 1 data, what did you use to calculate the estimates above?

- Modified Tier 1 methods and data
- Tier 2 (additional use of country-specific data)
- Tier 3 (more complex methods involving ground measurements and modelling)

SO1-3.T2: National estimates of the change in soil organic carbon stock in soil due to land conversion to a new land cover class in the baseline period

Land Conversion		Soil organic carbon (SOC) stock change in the baseline period					
From	To	Net area change (km <sup>2</sup> )	Initial SOC stock (t/ha)	Final SOC stock (t/ha)	Initial SOC stock total (t)	Final SOC stock total (t)	SOC stock change (t)
Tree-covered areas	Grasslands	0	-	-	0	0	0

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

Land Conversion		Soil organic carbon (SOC) stock change in the baseline period					
From	To	Net area change (km <sup>2</sup> )	Initial SOC stock (t/ha)	Final SOC stock (t/ha)	Initial SOC stock total (t)	Final SOC stock total (t)	SOC stock change (t)
Tree-covered areas	Wetlands	0	-	-	0	0	0
Wetlands	Croplands	3	122.9	118.8	36 861	35 648	-1 213
Tree-covered areas	Croplands	34	149.7	146.2	508 873	497 169	-11 704

SO1-3.T3: National estimates of the change in soil organic carbon stock in soil due to land conversion to a new land cover class in the reporting period

Land Conversion		Soil organic carbon (SOC) stock change in the reporting period					
From	To	Net area change (km <sup>2</sup> )	Initial SOC stock (t/ha)	Final SOC stock (t/ha)	Initial SOC stock total (t)	Final SOC stock total (t)	SOC stock change (t)
Tree-covered areas	Grasslands	0	-	-	0	0	0
Tree-covered areas	Wetlands	0	-	-	0	0	0
Tree-covered areas	Artificial surfaces	0	-	-	0	0	0
Tree-covered areas	Croplands	2	208.7	202.4	41 733	40 482	-1 251

Soil organic carbon stock degradation

SO1-3.T4: National estimates of soil organic carbon stock degradation in the baseline period

	Area (km <sup>2</sup> )	Percent of total land area (%)
Land area with degraded soil organic carbon (SOC)	0	0.0
Land area with non-degraded SOC	356	98.3
Land area with no SOC data	4	1.1

SO1-3.T5: National estimates of SOC stock degradation in the reporting period

	Area (km <sup>2</sup> )	Percent of total land area (%)
Land area with improved SOC	0	0.0
Land area with stable SOC	356	98.3
Land area with degraded SOC	0	0.0
Land area with no SOC data	5	1.4

General comments

## SO1-4 Proportion of degraded land over the total land area

### Proportion of degraded land over the total land area (Sustainable Development Goal Indicator 15.3.1)

SO1-4.T1: National estimates of the total area of degraded land (in km<sup>2</sup>), and the proportion of degraded land relative to the total land area

	Total area of degraded land (km <sup>2</sup> )	Proportion of degraded land over the total land area (%)
Baseline Period	36	9.9
Reporting Period	39	10.8
Change in degraded extent	3	

#### Method

Did you use the SO1-1, SO1-2 and SO1-3 indicators (i.e. land cover, land productivity dynamics and soil organic carbon stock) to compute the proportion of degraded land?

Which indicators did you use?

- Land Cover
- Land Productivity Dynamics
- SOC Stock

Did you apply the one-out, all-out principle to compute the proportion of degraded land?

- Yes
- No

#### Level of Confidence

Indicate your country's level of confidence in the assessment of the proportion of degraded land:

- High (based on comprehensive evidence)
- Medium (based on partial evidence)
- Low (based on limited evidence)

Describe why the assessment has been given the level of confidence selected above:

The resolution of the data may not be totally representative for Palau. Croplands delineated may not have crops present. There is also a lake on the main island which can add to the water and wetland values. Default data was used as it was most available and a continuous data set for years 2000-2019 is not available.

#### False positives/ False negatives

SO1-4.T3: Justify why any area identified as degraded or non-degraded in the SO1-1, SO1-2 or SO1-3 indicator data should or should not be included in the overall Sustainable Development Goal indicator 15.3.1 calculation.

Location Name	Type	Recode Options	Area (km <sup>2</sup> )	Process driving false +/- outcome	Basis for Judgement	Edit Polygon
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### Perform qualitative assessments of areas identified as degraded or improved

SO1-4.T4: Degradation hotspots

Hotspots	Location	Area (km <sup>2</sup> )	Assessment Process	Direct drivers of land degradation hotspots	Action(s) taken to redress degradation in terms of Land Degradation Neutrality response hierarchy	Remediating action(s) (both forward-looking and current)	Edit Polygon
Total no. of hotspots	0						

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

Hotspots	Location	Area (km <sup>2</sup> )	Assessment Process	Direct drivers of land degradation hotspots	Action(s) taken to redress degradation in terms of Land Degradation Neutrality response hierarchy	Remediating action(s) (both forward-looking and current)	Edit Polygon
Total hotspot area	0						

What is/are the indirect driver(s) of land degradation at the national level?

1. Economic
2. Demographic
- 3.
- 4.
- 5.

### SO1-4.T5: Improvement brightspots

Brightspots	Location	Area (km <sup>2</sup> )	Assessment Process	What action(s) led to the brightspot in terms of the Land Degradation Neutrality hierarchy?	Implementing action(s) (both forward-looking and current)	Edit Polygon
Total no. of brightspots	0					
Total brightspot area	0					

What are the enabling and instrumental responses at the national level driving the occurrence of brightspots?

1. Protected areas
2. Legal and regulatory instruments
3. Integrated landscape planning
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

### General comments

SO-1: To improve the condition of affected ecosystems, combat desertification/land degradation, promote sustainable land management and contribute to land degradation neutrality.

## S01 Voluntary Targets

S01-VT.T1: Voluntary Land Degradation Neutrality targets and other targets relevant to strategic objective 1

Target	Year	Location(s)	Total Target Area (km <sup>2</sup> )	Overarching type of Land Degradation Neutrality (LDN) intervention	Targeted action(s)	Status of target achievement	Is this an LDN target? If so, under which process was it defined/adopted?	Which other important goals are also being addressed by this target?	Edit Polygon
Total			Sum of all targeted areas 0						

S01.IA.T1: Areas of implemented action related to the targets (projects and initiatives on the ground).

Relevant Target	Implemented Action	Location (placename)	Action start date	Extent of action	Total Area Implemented So Far (km <sup>2</sup> )	Edit Polygon
					Sum of all areas relevant to actions under the same target	

General comments

## SO2-1 Trends in population living below the relative poverty line and/or income inequality in affected areas

### Relevant metric

Choose the metric that is relevant to your country:

- Proportion of population below the international poverty line
- Income inequality (Gini Index)

Income inequality (Gini Index)

SO2-1.T2: National estimates of income inequality (Gini index)

Year	Income inequality (Gini Index)
2000	
2001	
2002	
2003	
2004	
2005	
2006	
2007	
2008	
2009	
2010	
2011	
2012	
2013	
2014	
2015	
2016	
2017	
2018	
2019	
2020	

### Qualitative assessment

SO2-1.T3: Interpretation of the indicator

Indicator metric	Change in the indicator	Comments

### General comments

## SO2-2 Trends in access to safe drinking water in affected areas

### Proportion of population using safely managed drinking water services

#### SO2-2.T1: National estimates of the proportion of population using safely managed drinking water services

Year	Urban (%)	Rural (%)	Total (%)
2000	69	52	64
2001	70	53	65
2002	72	54	67
2003	73	55	68
2004	75	56	70
2005	77	57	71
2006	78	58	73
2007	80	60	74
2008	82	61	76
2009	83	62	78
2010	85	63	79
2011	86	64	81
2012	88	65	83
2013	90	66	84
2014	91	67	86
2015	93	68	88
2016	95	69	89
2017	96	70	91
2018	96	70	91
2019	96	70	91
2020	96	70	91

### Qualitative assessment

#### SO2-2.T2: Interpretation of the indicator

Change in the indicator	Comments
Increase	Infrastructure improvements and access to services
Increase	Increase proportion of rural populations access to water

### General comments



## SO2-3 Trends in the proportion of population exposed to land degradation disaggregated by sex

### Proportion of the population exposed to land degradation disaggregated by sex

SO2-3.T1: National estimates of the proportion of population exposed to land degradation disaggregated by sex.

Time period	Population exposed (count)	Percentage of total population exposed (%)	Female population exposed (count)	Percentage of total female population exposed (%)	Male population exposed (count)	Percentage of total male population exposed (%)
Baseline period	541	4.4	259	4.4	282	4.3
Reporting period	73	0.5	36	0.5	37	0.5

### Qualitative assessment

SO2-3.T2: Interpretation of the indicator

Change in the indicator	Comments

### General comments

SO-2: To improve the living conditions of affected populations.

## SO2 Voluntary Targets

SO2-VT.T1

Target	Year	Level of application	Status of target achievement	Comments
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[General comments](#)

## SO3-1 Trends in the proportion of land under drought over the total land area

### Drought hazard indicator

SO3-1.T1: National estimates of the land area in each drought intensity class as defined by the Standardized Precipitation Index (SPI) or other nationally relevant drought indices

	Drought intensity classes				
	Mild drought (km <sup>2</sup> )	Moderate drought (km <sup>2</sup> )	Severe drought (km <sup>2</sup> )	Extreme drought (km <sup>2</sup> )	Non-drought (km <sup>2</sup> )
2000	0	0	0	0	454
2001	0	0	0	0	454
2002	28	243	183	0	0
2003	0	0	0	0	454
2004	0	454	0	0	0
2005	0	0	0	0	454
2006	0	0	0	0	454
2007	369	85	0	0	0
2008	0	0	0	0	454
2009	0	0	0	0	454
2010	0	0	183	271	0
2011	0	0	0	0	454
2012	454	0	0	0	0
2013	0	183	271	0	0
2014	0	0	0	0	454
2015	0	0	0	454	0
2016	0	454	0	0	0
2017	0	0	0	0	454
2018	410	44	0	0	0
2019	454	0	0	0	0
2020					
2021					

SO3-1.T2: Summary table for land area under drought without class break down

	Total area under drought (km <sup>2</sup> )	Proportion of land under drought (%)
2000	0	0.0
2001	0	0.0
2002	454	125.4
2003	0	0.0
2004	454	125.4
2005	0	0.0

SO-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.

	Total area under drought (km <sup>2</sup> )	Proportion of land under drought (%)
2006	0	0.0
2007	454	125.4
2008	0	0.0
2009	0	0.0
2010	454	125.4
2011	0	0.0
2012	454	125.4
2013	454	125.4
2014	0	0.0
2015	454	125.4
2016	454	125.4
2017	0	0.0
2018	454	125.4
2019	454	125.4
2020		-
2021		-

Qualitative assessment:

General comments

## SO3-2 Trends in the proportion of the population exposed to drought

### Drought exposure indicator

Exposure is defined in terms of the number of people who are exposed to drought as calculated from the SO3-1 indicator data.

SO3-2.T1: National estimates of the percentage of the total population within each drought intensity class as well as the total population count and the proportion of the national population exposed to drought regardless of intensity.

Reporting year	Non-exposed		Mild drought		Moderate drought		Severe drought		Extreme drought		Exposed population	
	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%
2000	5932	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2001	6402	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2002	0	0.0	668	11.0	4456	73.4	949	15.6	0	0.0	6 073	100.0
2003	6237	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2004	0	0.0	0	0.0	6237	100.0	0	0.0	0	0.0	6 237	100.0
2005	6586	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2006	6829	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2007	0	0.0	4619	63.1	2699	36.9	0	0.0	0	0.0	7 318	100.0
2008	7984	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2009	8442	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2010	0	0.0	0	0.0	0	0.0	1559	18.6	6803	81.4	8 362	100.0
2011	9038	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2012	0	0.0	9588	100.0	0	0.0	0	0.0	0	0.0	9 588	100.0
2013	0	0.0	0	0.0	1850	18.6	8118	81.4	0	0.0	9 968	100.0
2014	10202	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2015	0	0.0	0	0.0	0	0.0	0	0.0	10703	100.0	10 703	100.0
2016	0	0.0	0	0.0	11049	100.0	0	0.0	0	0.0	11 049	100.0
2017	11677	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2018	0	0.0	11043	89.1	1348	10.9	0	0.0	0	0.0	12 391	100.0
2019	0	0.0	12673	100.0	0	0.0	0	0.0	0	0.0	12 673	100.0
2020	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-

SO3-2.T2: National estimates of the percentage of the female population within each drought intensity class.

Reporting year	Non-exposed		Mild drought		Moderate drought		Severe drought		Extreme drought		Exposed female population	
	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%
2000	2681	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

SO-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.

Reporting year	Non-exposed		Mild drought		Moderate drought		Severe drought		Extreme drought		Exposed female population	
	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%
2001	2861	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2002	0	0.0	305	11.1	2045	74.4	399	14.5	0	0.0	2 749	100.0
2003	2823	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2004	0	0.0	0	0.0	2811	100.0	0	0.0	0	0.0	2 811	100.0
2005	3014	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2006	3107	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2007	0	0.0	2079	62.2	1262	37.8	0	0.0	0	0.0	3 341	100.0
2008	3701	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2009	3926	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2010	0	0.0	0	0.0	0	0.0	687	17.6	3208	82.4	3 895	100.0
2011	4233	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2012	0	0.0	4499	100.0	0	0.0	0	0.0	0	0.0	4 499	100.0
2013	0	0.0	0	0.0	855	18.2	3852	81.8	0	0.0	4 707	100.0
2014	4852	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2015	0	0.0	0	0.0	0	0.0	0	0.0	5071	100.0	5 071	100.0
2016	0	0.0	0	0.0	5273	100.0	0	0.0	0	0.0	5 273	100.0
2017	5575	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2018	0	0.0	5311	89.1	652	10.9	0	0.0	0	0.0	5 963	100.0
2019	0	0.0	6094	100.0	0	0.0	0	0.0	0	0.0	6 094	100.0
2020	-	-	-	-	-	-	-	-	-	-	-	-
2021	-	-	-	-	-	-	-	-	-	-	-	-

SO3-2.T3: National estimates of the percentage of the male population within each drought intensity class.

Reporting year	Non-exposed		Mild drought		Moderate drought		Severe drought		Extreme drought		Exposed male population	
	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%
2000	3251	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2001	3541	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2002	0	0.0	363	10.9	2411	72.5	550	16.5	0	0.0	3 324	100.0
2003	3414	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2004	0	0.0	0	0.0	3426	100.0	0	0.0	0	0.0	3 426	100.0
2005	3572	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

SO-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.

Reporting year	Non-exposed		Mild drought		Moderate drought		Severe drought		Extreme drought		Exposed male population	
	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%	Population count	%
2006	3722	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2007	0	0.0	2540	63.9	1437	36.1	0	0.0	0	0.0	3 977	100.0
2008	4283	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2009	4516	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2010	0	0.0	0	0.0	0	0.0	872	19.5	3595	80.5	4 467	100.0
2011	4805	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2012	0	0.0	5089	100.0	0	0.0	0	0.0	0	0.0	5 089	100.0
2013	0	0.0	0	0.0	995	18.9	4266	81.1	0	0.0	5 261	100.0
2014	5350	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2015	0	0.0	0	0.0	0	0.0	0	0.0	5632	100.0	5 632	100.0
2016	0	0.0	0	0.0	5776	100.0	0	0.0	0	0.0	5 776	100.0
2017	6102	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
2018	0	0.0	5732	89.2	696	10.8	0	0.0	0	0.0	6 428	100.0
2019	0	0.0	6579	100.0	0	0.0	0	0.0	0	0.0	6 579	100.0
2020		-		-		-		-		-	-	-
2021		-		-		-		-		-	-	-

Qualitative assessment

Interpretation of the indicator

General comments

## SO3-3 Trends in the degree of drought vulnerability

### Drought Vulnerability Index

#### SO3-3.T1: National estimates of the Drought Vulnerability Index

Year	Total country-level DVI value (tier 1)	Male DVI value (tiers 2 and 3 only)	Female DVI value (tiers 2 and 3 only)
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018	0.4		
2019			
2020			
2021			

### Method

Which tier level did you use to compute the DVI?

- Tier 1 Vulnerability Assessment ⓘ
- Tier 2 Vulnerability Assessment ⓘ
- Tier 3 Vulnerability Assessment ⓘ

### Qualitative assessment

SO3-3.T2: Interpretation of the indicator

Change in the indicator	Comments

### General comments



S0-3: To mitigate, adapt to, and manage the effects of drought in order to enhance resilience of vulnerable populations and ecosystems.

## S03 Voluntary Targets

S03-VT.T1

Target	Year	Level of application	Status of target achievement	Comments
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General comments

# S04-1 Trends in carbon stocks above and below ground

## Soil organic carbon stocks

Trends in carbon stock above and below ground is a multi-purpose indicator used to measure progress towards both strategic objectives 1 and 4. Quantitative data and a qualitative assessment of trends in this indicator are reported under strategic objective 1, progress indicator S01-3.

## SO4-2 Trends in abundance and distribution of selected species

### SO4-2.T1: National estimates of the Red List Index of species survival

Year	Red List Index	Lower Bound	Upper Bound	Comment
2000	0.88336	0.8615	0.92105	
2001	0.87379	0.85698	0.90605	
2002	0.86436	0.84928	0.88919	
2003	0.8552	0.83932	0.8761	
2004	0.84607	0.83008	0.86577	
2005	0.83755	0.82052	0.8558	
2006	0.82801	0.8108	0.84633	
2007	0.8172	0.79908	0.83637	
2008	0.80868	0.78924	0.82722	
2009	0.80004	0.78041	0.81755	
2010	0.78799	0.76705	0.80827	
2011	0.77937	0.75726	0.79875	
2012	0.76966	0.74464	0.79123	
2013	0.76024	0.73702	0.7831	
2014	0.75012	0.71938	0.77438	
2015	0.74229	0.71074	0.76694	
2016	0.73298	0.6975	0.75979	
2017	0.7233	0.68415	0.75602	
2018	0.71338	0.66141	0.75319	
2019	0.70606	0.64538	0.75123	
2020	0.69796	0.63504	0.74834	

### Qualitative assessment

#### SO4-2.T2: Interpretation of the indicator

Change in the indicator	Drivers: Direct (Choose one or more items)	Drivers: Indirect (Choose one or more items)	Which levers are being used to reverse negative trends and enable transformative change?	Responses that led to positive RLI trends	Comments
Negative	<ol style="list-style-type: none"> <li>1. Land-use change</li> <li>2. Climate change</li> <li>3. Overexploitation</li> <li>4. Invasive alien species</li> <li>5. Pollution</li> </ol>	<ol style="list-style-type: none"> <li>1. Human Population Dynamics and Trends</li> <li>2. Production and Consumption Patterns</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol>	<ol style="list-style-type: none"> <li>1. Incentives and Capacity-Building</li> <li>2. Cross-Sectoral Cooperation</li> <li>3. Decision-making in the Context of Resilience and Uncertainty</li> <li>4. Environmental Law and Implementation</li> <li>5. Pre-Emptive Action</li> </ol>		

SO-4: To generate global environmental benefits through effective implementation of the United Nations Convention to Combat Desertification.

General comments

### SO4-3 Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type

SO4-3.T1: National estimates of the average proportion of Terrestrial KBAs covered by protected areas (%)

Year	Protected Areas Coverage(%)	Lower Bound	Upper Bound	Comments
2000	16.91	3.83	31.38	
2001	16.91	3.83	31.38	
2002	24.47	9.34	40.86	
2003	24.47	9.34	40.86	
2004	29.93	15.77	43.57	
2005	40.17	29.99	47.85	
2006	40.17	29.99	47.85	
2007	44.87	33.02	47.86	
2008	44.87	33.02	47.86	
2009	44.87	33.02	47.86	
2010	44.87	33.02	47.86	
2011	44.87	33.02	47.86	
2012	44.87	33.02	47.86	
2013	44.87	33.02	47.86	
2014	44.87	33.02	47.86	
2015	48.1	48.1	48.1	
2016	48.1	48.1	48.1	
2017	48.1	48.1	48.1	
2018	48.1	48.1	48.1	
2019	48.1	48.1	48.1	
2020	48.1	48.1	48.1	

#### Qualitative assessment

SO4-3.T2: Interpretation of the indicator

Qualitative Assessment	Comment
No Change	Biodiversity areas are protected through Palau's Protected Areas Network.

#### General comments

## S04 Voluntary Targets

S04-VT.T1

Target	Year	Level of application	Status of target achievement	Comments
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[Complementary information](#)

## S05-1 Bilateral and multilateral public resources

Tier 1: Please provide information on the international public resources provided and received for the implementation of the Convention, including information on trends.

Trends in international bilateral and multilateral public resources provided

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Trends in international bilateral and multilateral public resources received

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Tier 2: Table 1 Financial resources provided and received

Provided / Received	Year	Total Amount USD	
		Committed	Disbursed / Received
Provided	2016	Committed 0	Disbursed 0
Provided	2017	Committed 0	Disbursed 0
Provided	2018	Committed 0	Disbursed 0
Provided	2019	Committed 0	Disbursed 0
Received	2016	Committed 1 281 925 .10	Received 100 702 .70
Received	2017	Committed 452 882 .10	Received 10 882 .10
Received	2018	Committed 760 496 .60	Received 215 102 .60
Received	2019	Committed 0 .00	Received 235 300 .00
Total resources provided:		0	0
Total resources received:		2 495 303 .8	561 987 .4

### Documentation box

	Explanation
Year	
Recipient / Provider	
Title of project, programme, activity or other	
Total Amount USD	
Sector	
Capacity Building	
Technology Transfer	
Gender Equality	

SO-5: To mobilize substantial and additional financial and non-financial resources to support the implementation of the Convention by building effective partnerships at global and national level

	Explanation
Channel	
Type of flow	
Financial Instrument	
Type of support	
Amount mobilised through public interventions	
Additional Information	

General comments



## S05-2 Domestic public resources

**Tier 1: Please provide information on the domestic public expenditures, including subsidies, and revenues, including taxes, directly and indirectly related to the implementation of the Convention, including information on trends.**

Trends in domestic public expenditures and national level financing for activities relevant to the implementation of the Convention

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Trends in domestic public revenues from activities related to the implementation of the Convention

- Up ↑  
 Stable ↔  
 Down ↓  
 Unknown ∞

Palau Environmental Protection Fee Earth moving permits State Government building permits NCD Funds

### Tier 2: Table 2 Domestic public resources

	Year	Amounts	Additional Information
Government expenditures			
Directly related to combat DLDD			
Indirectly related to combat DLDD			
Subsidies			
Subsidies related to combat DLDD			
Total expenditures / total per year			

	Year	Amounts	Additional Information
Government revenues			
Environmental taxes for the conservation of land resources and taxes related to combat DLDD			
Total revenues / total per year			

### Documentation box

	Explanation
Government expenditures	
Subsidies	
Government revenues	
Domestic resources directly or indirectly related to combat DLDD	

Has your country set a target for increasing and mobilizing domestic resources for the implementation of the Convention?

- Yes  
 No

### General comments

### S05-3 International and domestic private resources

Tier 1: Please provide information on the international and domestic private resources mobilized by the private sector of your country for the implementation of the Convention, including information on trends.

Trends in international private resources

- Up ↑
- Stable ↔
- Down ↓
- Unknown ∞

Trends in domestic private resources

- Up ↑
- Stable ↔
- Down ↓
- Unknown ∞

#### Tier 2: Table 3 International and domestic private resources

Year	Title of project, programme, activity or other	Total Amount USD	Financial Instrument	Type of institution	Recipient	Additional Information
	Total	0				

Please provide methodological information relevant to data presented in table 3

Has your country taken measures to encourage the private sector as well as non-governmental organizations, foundations and academia to provide international and domestic resources for the implementation of the Convention?

[General comments](#)

## S05-4 Technology transfer

Tier 1: Please provide information relevant to the resources provided, received for the transfer of technology for the implementation of the Convention, including information on trends.

Trends in international bilateral and multilateral public resources provided

- Up ↑
- Stable ↔
- Down ↓
- Unknown ⇄

Trends in international bilateral and multilateral public resources received

- Up ↑
- Stable ↔
- Down ↓
- Unknown ⇄

Tier 2: Table 4 Resources provided and received for technology transfer measures or activities

Provided/Received	Year	Title of project, programme, activity or other	Amount	Recipient Provider	Description and objectives	Sector	Type of technology	Activities undertaken by	Status of measure or activity	Timeframe of measure or activity	Use, impact and estimated results	Additional Information
Total provided:			0	Total received:			0					

Please provide methodological information relevant to data presented in table 4

Include information on underlying assumptions, definitions and methodologies used to identify and report on technology transfer support provided and/or received and/or required. Please include links to relevant documentation.

Please provide information on the types of new or current technologies required by your country to address desertification, land degradation and drought (DLDD), and the challenges encountered in acquiring or developing such technologies.

General comments

## SO5-5 Future support for activities related to the implementation of the Convention

### SO5-5.1: Planned provision and mobilization of domestic public and private resources

Please provide information relevant to the planned provision and mobilization of domestic resources for the implementation of the Convention, including information relevant to indicator SO5-2, as well as information on projected levels of public financial resources, target sectors and planned domestic policies.

### SO5-5.2: Planned provision and mobilization of international public and private resources

Please provide information relevant to the planned provision and mobilization of international resources for the implementation of the Convention, including information on projected levels of public financial resources and support to capacity building and transfer of technology, target regions or countries, and planned programmes, policies and priorities.

### SO5-5.3: Resources needed

Please provide information relevant to the financial resources needed for the implementation of the Convention, including on the projects and regions which needs most support and on which your country has focused to the greatest extent.

### General comments

## Financial and Non-Financial Sources

### Increasing the mobilization of resources:

Would you like to share an experience on how your country has increased the mobilization of resources within the reporting period?

- Yes  
 No

What type of resources were mobilized (check all that apply)?

- Financial Resources  
 Non-Financial

Which sources were mobilized?

- International  
 Domestic  
 Public  
 Private  
 Local communities  
 Non-traditional funding sources  
 Climate Finance  
 Other (please specify)

Use this space to describe the experience:

What were the challenges faced, if any?

What do you consider to be the lessons learned?

How did you ensure that women benefited from/got access to this funding?

Use this space to provide any further complementary information you deem relevant:

Has your country supported other countries in the mobilization of financial and non-financial resources for the implementation of the Convention?

- Yes  
 No

### Using Land Degradation Neutrality as a framework to increase investment:

From your perspective, would you consider that you have taken advantage of the LDN concept to enhance the coherence, effectiveness and multiple benefits of investments?

- Yes

No

### Improving existing and/or innovative financial processes and institutions

From your perspective, do you consider that your country has improved the use of existing and/or innovative financial processes and institutions?

Yes

No

## Policy and Planning

### Action Programmes:

Has your country developed or helped develop, implement, revise or regularly monitor your national action programme?

- Yes  
 No

### Policies and enabling environment:

During the reporting period, has your country established or helped establish policies and enabling environments to promote and/or implement solutions to combat desertification/land degradation and mitigate the effects of drought?

- Yes  
 No

These policies and enabling environments were aimed at (check all that apply):

- Promoting solutions to combat desertification, land degradation and drought (DLDD)  
 Implementing solutions to combat DLDD  
 Protecting women's land rights  
 Enhancing women's access to natural, productive and/or financial resources  
 Other (please specify)

How best to describe these experiences (check all that apply):

- Prevention of the effects of DLDD  
 Relief efforts after DLDD has caused environmental and or socioeconomic stress on ecosystems and or populations  
 Recovery efforts after DLDD has caused environmental and or socioeconomic stress on ecosystems and or populations  
 Engagement of women in decision - making  
 Implementation and promotion of women's land rights and access to land resources  
 Building women's capacity for effective UNCCD implementation  
 Other (please specify)

Use the space below to share more details about your country/sub-region/region/institution's experience.

Do you consider these policies to be successful in promoting or implementing solutions to address DLDD, including prevention, relief and recovery, and what do you consider the main factors of success or lack thereof?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

Has your country supported other countries in establishing policies and enabling environments to promote and implement solutions to combat desertification/land degradation and mitigate the effects of drought, including prevention, relief and recovery?

- Yes

No

### Synergies:

From your perspective, has your country leveraged synergies and integrated DLDD into national plans related to other MEAs, particularly the other Rio Conventions and other international commitments?

Yes

No

Your country's actions were aimed at (please check all that apply):

- Leveraging DLDD with other national plans related to the other Rio Conventions
- Integrating DLDD into national plans
- Leveraging synergies with other strategies to combat DLDD
- Integrating DLDD into other international commitments
- Other (please specify)

Use the space below to describe your country's experience.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

### Mainstreaming desertification, land degradation and drought:

From your perspective, did your country take specific actions to mainstream, DLDD in economic, environmental and social policies, with a view to increasing the impact and effectiveness of the implementation of the Convention?

Yes

No

If so, DLDD was mainstreamed into (check all that apply):

- Economic policies
- Environmental policies
- Social policies
- Land policies
- Gender policies
- Agricultural policies
- Other (please specify)

Use the space below to describe your country's experience.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?



What were the challenges faced, if any?

What would you consider to be the lessons learned?

#### Drought-related policies:

Has your country established or is your country establishing national policies, measures and governance for drought preparedness and management?

Yes

No

Use the space below to describe your country's experience.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

Has your country supported other countries in establishing policies, measures and governance for drought preparedness and management, in accordance with the mandate of the Convention?

Yes

No

Use the space below to describe your country's experience.

Supported by participating in regional projects in Micronesia.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

## Action on the Ground

### Sustainable land management practices:

Has your country implemented or is your country implementing sustainable land management (SLM) practices to address DLDD?

- Yes  
 No

What types of SLM practices are being implemented?

- Agroforestry
- Area closure (stop use, support restoration)
- Beekeeping, fishfarming, etc
- Cross-slope measure
- Ecosystem-based disaster risk reduction
- Energy efficiency
- Forest plantation management
- Home gardens
- Improved ground/vegetation cover
- Improved plant varieties animal breeds
- Integrated crop-livestock management
- Integrated pest and disease management (incl. organic agriculture)
- Integrated soil fertility management
- Irrigation management (incl. water supply, drainage)
- Minimal soil disturbance
- Natural and semi-natural forest management
- Pastoralism and grazing land management
- Post-harvest measures
- Rotational system (crop rotation, fallows, shifting, cultivation)
- Surface water management (spring, river, lakes, sea)
- Water diversion and drainage
- Water harvesting
- Wetland protection/management
- Windbreak/Shelterbelt
- Waste management / Waste water management
- Other (please specify)

Use the space below to share more details about your country's experience:

Would you consider the implemented practices successful and what do you consider the main factors of success?

What were the challenges faced, if any?

What do you consider to be the lessons learned?

How did you engage women and youth in these activities?

Has your country supported other countries in the implementation of SLM practices?

- Yes  
 No

Use the space below to share more details about your country's experience:

Supported by participating in regional projects in Micronesia.

Would you consider the implemented practices successful and what do you consider the main factors of success?

To learn from each other as Island Countries have similarities and also different circumstance when it comes to implementing SLM.

What were the challenges faced, if any?

What do you consider to be the lessons learned?

### Restoration and Rehabilitation:

Has your country implemented or is your country implementing restoration and rehabilitation practices in order to assist with the recovery of ecosystem functions and services?

- Yes  
 No

What types of rehabilitation and restoration practices are being implemented?

- Restore/improve tree-covered areas
- Increase tree-covered area extent
- Restore/improve croplands
- Restore/improve grasslands
- Restore/improve wetlands
- Increase soil fertility and carbon stock
- Manage artificial surfaces
- Restore/improve protected areas
- Increase protected areas
- Improve coastal management
- General instrument (e.g. policies, economic incentives)
- Restore/improve multiple land uses
- Reduce/halt conversion of multiple land uses
- Restore/improve multiple functions
- Restore productivity and soil organic carbon stock in croplands and grasslands
- Other/general/unspecified

Use the space below to share more details about your country's experience:

Supported by participating in regional projects in Micronesia.

Would you consider the implemented practices successful and what do you consider the main factors of success?

What were the challenges faced, if any?

What do you consider to be the lessons learned?

How did you engage women and youth in SLM activities?

Has your country supported other countries with restoration and rehabilitation practices in order to assist with the recovery of ecosystem functions and services?

- Yes  
 No

Use the space below to describe your country's experience.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

### Drought risk management and early warning systems:

Is your country developing a drought risk management plan, monitoring or early warning systems and safety net programmes to address DLDD?

- Yes  
 No

If so, DLDD was mainstreamed into (check all that apply):

- A drought risk management plan  
 Monitoring and early warning systems  
 Safety net programmes

Use the space below to describe your country's experience.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

If you have or are developing a drought risk management plan as part of the Drought Initiative, please share here your experience on activities undertaken?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

Has your country supported other countries in developing drought risk management, monitoring and early warning systems and safety net programmes to address DLDD?

- Yes  
 No

Use the space below to describe your country's experience.

Supported by participating in regional projects in Micronesia and Pacific Region.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

### Alternative livelihoods:

Does your country promote alternative livelihoods practice in the context of DLDD?

- Yes  
 No

Could you list some practices implemented at country level to promote alternative livelihoods?

- Crop diversification
- Agroforestry practices
- Rotational grazing
- Rain-fed and irrigated agricultural systems
- Small vegetable gardens
- Production of artisanal goods
- Renewable energy generation
- Eco-tourism
- Production of medicinal and aromatic plants
- Aquaculture using recycled wastewater
- Other (please specify)

Use the space below to describe your country's experience.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

Do you consider your country to be taking special measures to engage women and youth in promoting alternative livelihoods?

- Yes
- No

Please elaborate

Through promotion of Sustainable Food Systems and incorporation to school curriculums.

#### Establishing knowledge sharing systems:

Has your country established systems for sharing information and knowledge and facilitating networking on best practices and approaches to drought management?

- Yes
- No

Please use this space to share/list the established systems available in your country for sharing information and knowledge and facilitating networking on best practices and approaches to drought management.

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

Do you consider that your country has implemented specific actions that promote women's access to knowledge and technology?

- Yes
- No

Please elaborate

Do you consider this experience a success and, if so, what do you consider the reasons behind this success (or lack thereof)?

What were the challenges faced, if any?

What would you consider to be the lessons learned?

## AI: Additional indicators

Which additional indicator is your country using to measure progress towards strategic objectives 1, 2, 3 and 4?

Indicator	Relevant strategic objective	Change in the indicator	Comments
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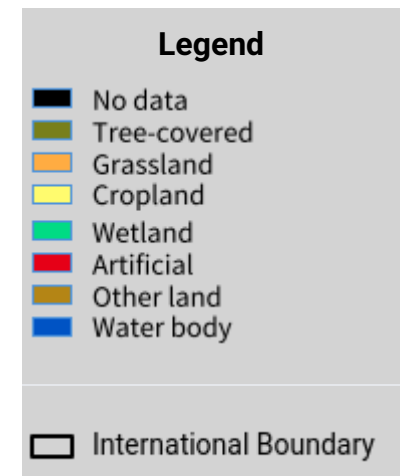
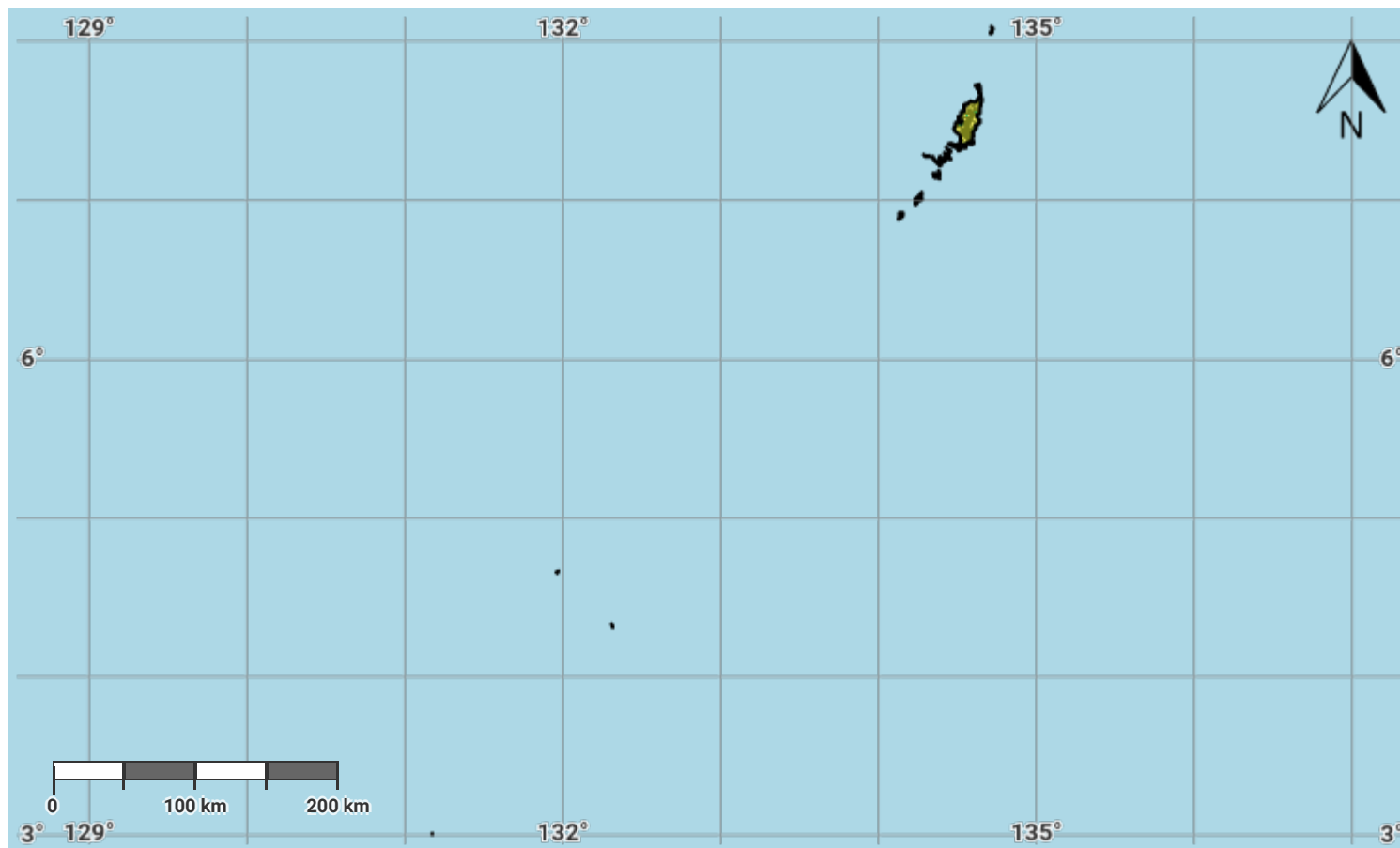


Other files for Reporting

Palau - S05-1 recipient	<a href="#">Download</a>	10.9 KB
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## Palau – S01-1.M1

### Land cover in the initial year of the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

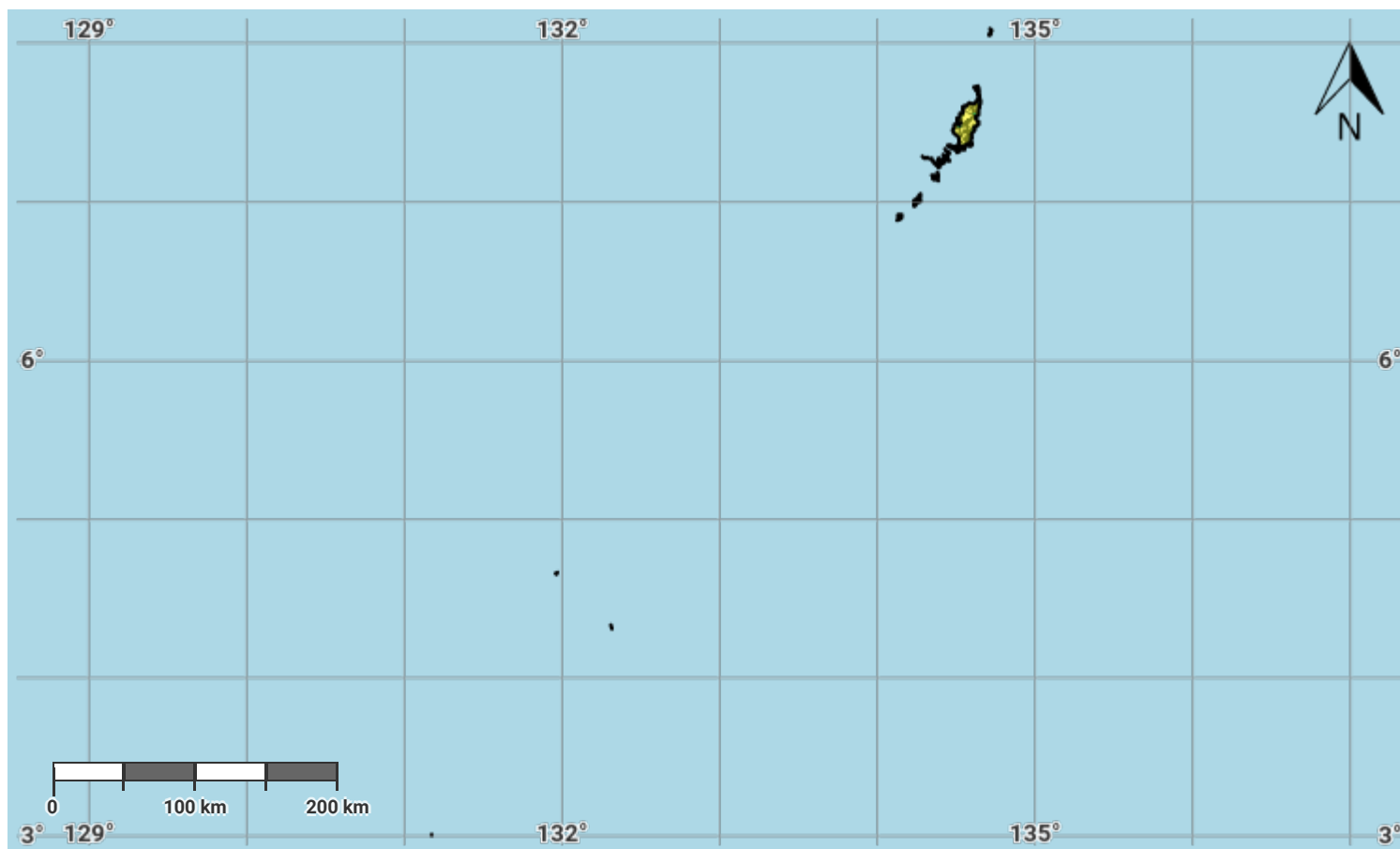
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## Palau – S01-1.M2

### Land cover in the baseline year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

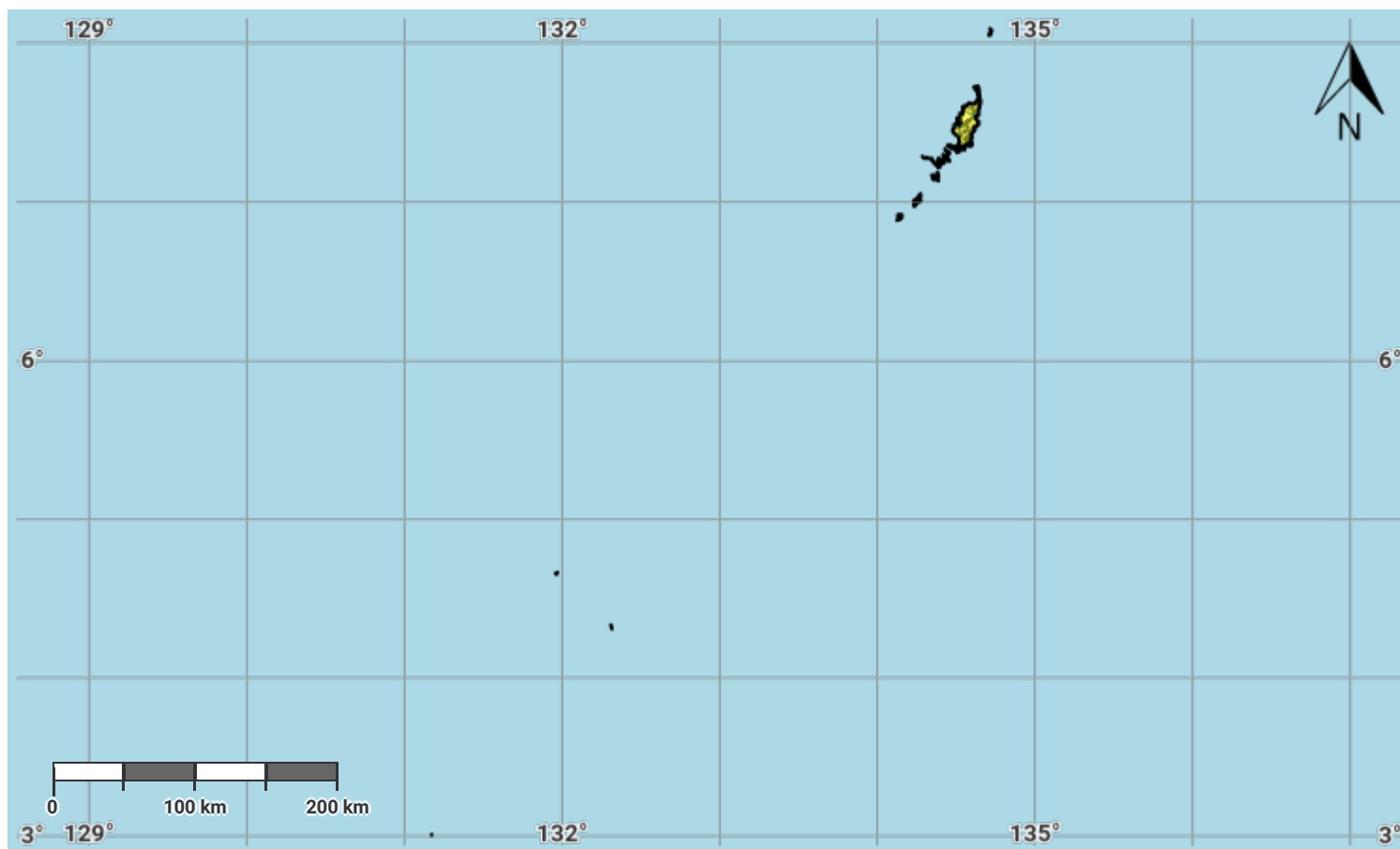
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## Palau – S01-1.M3

### Land cover in the latest reporting year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

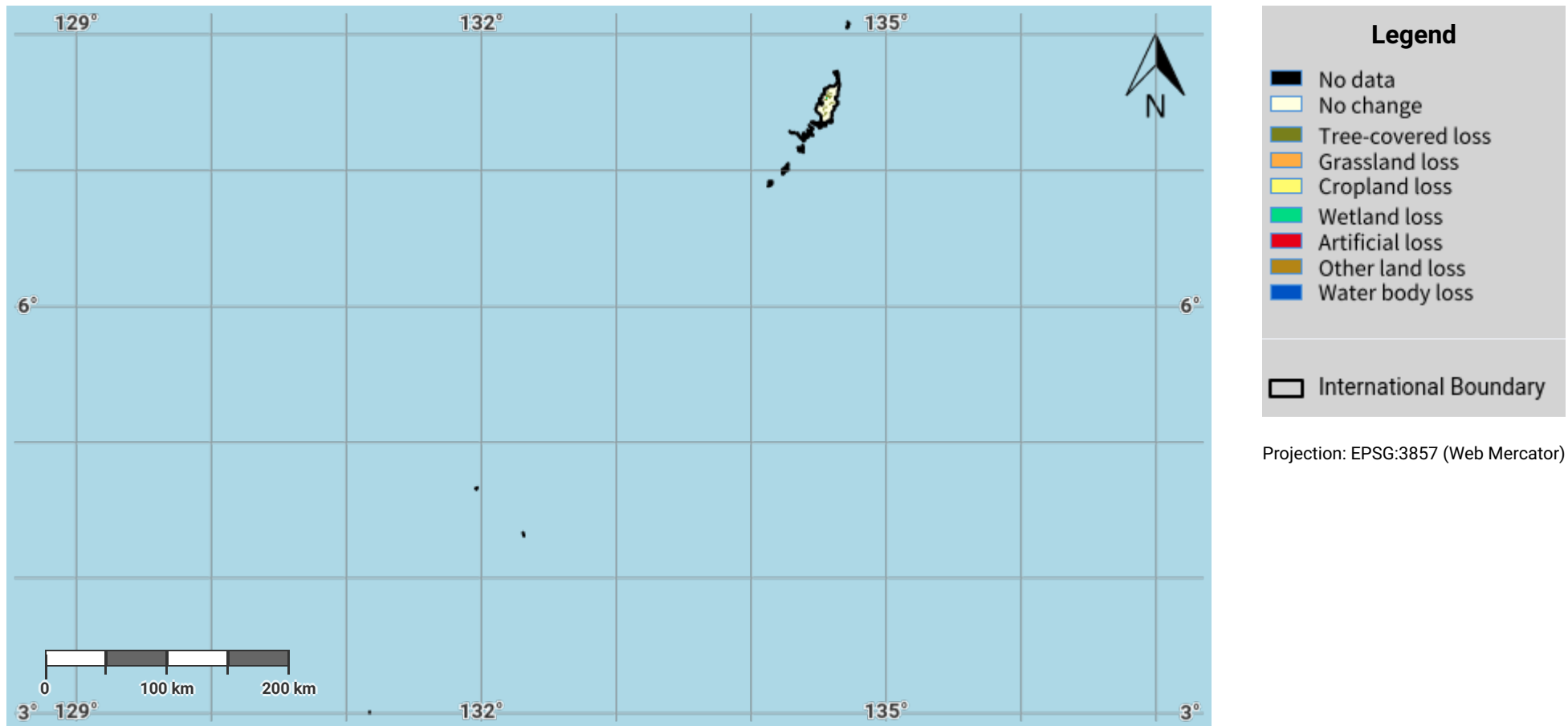
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## Palau – S01-1.M4

### Land cover change in the baseline period



#### Disclaimer

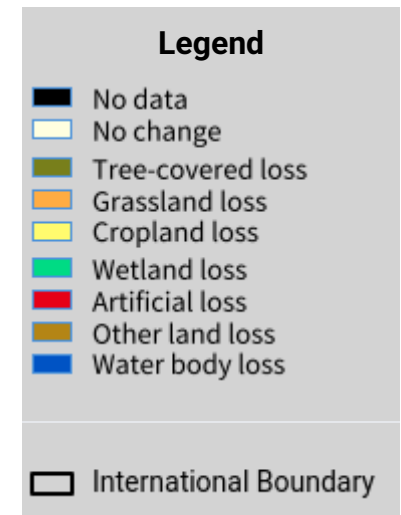
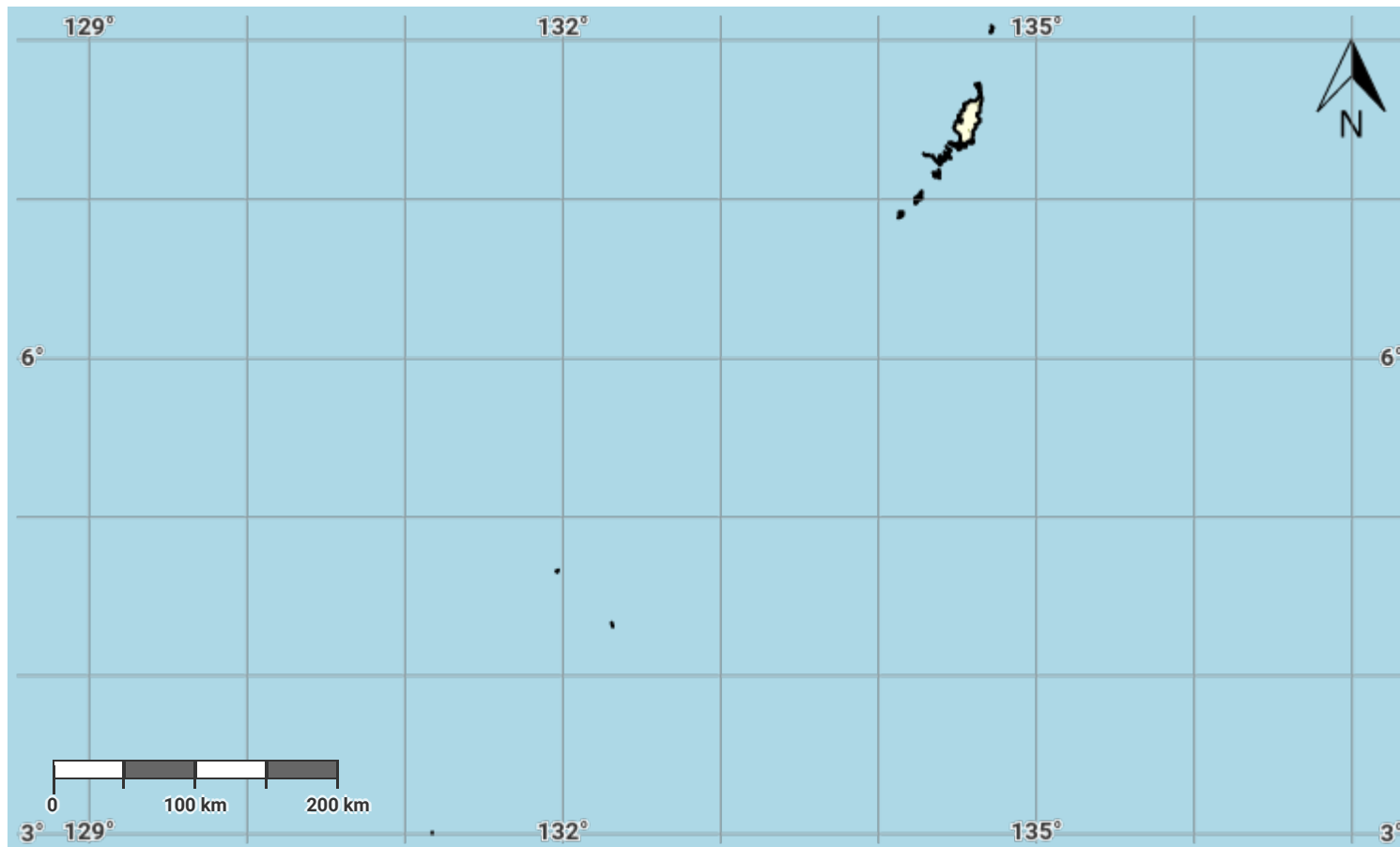
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## Palau – S01-1.M5

### Land cover change in the reporting period



Projection: EPSG:3857 (Web Mercator)

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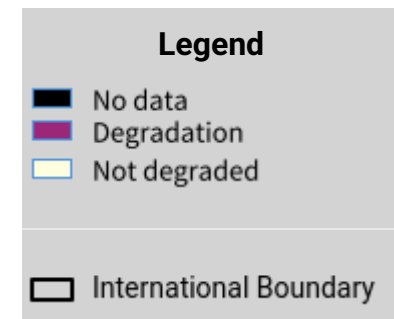
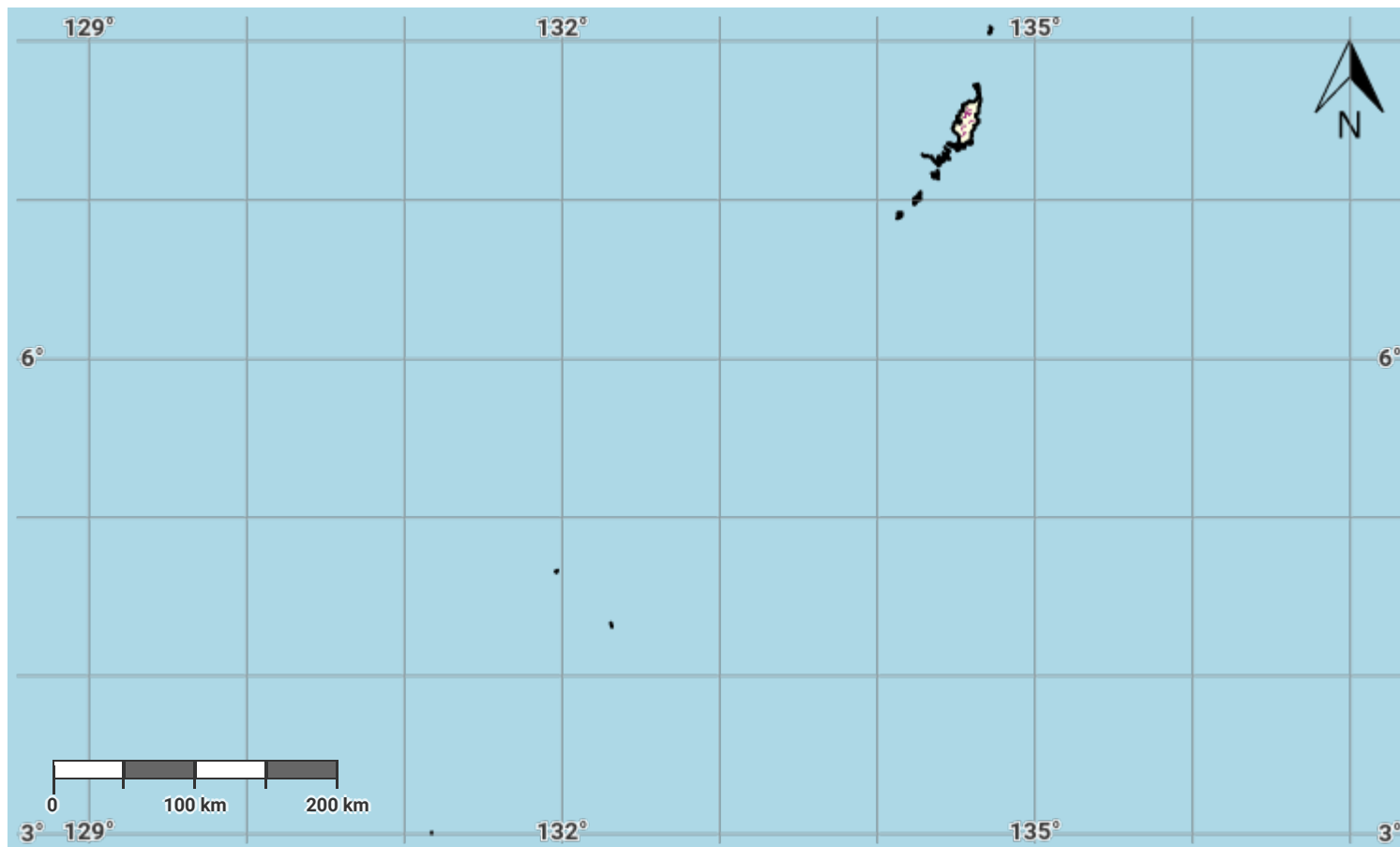
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## Palau – S01-1.M6

### Land cover degradation in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

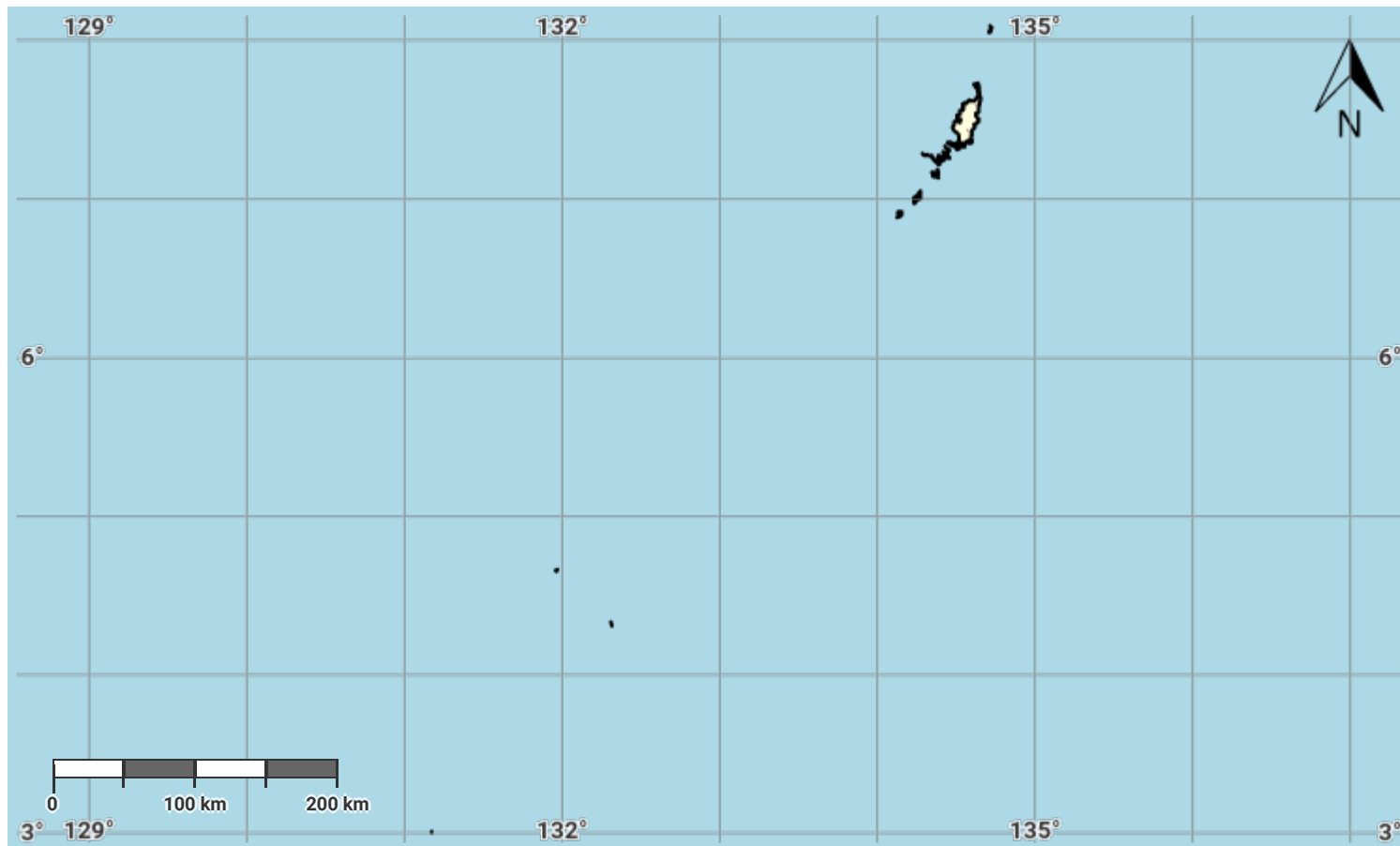
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## Palau – S01-1.M7

### Land cover degradation in the reporting period



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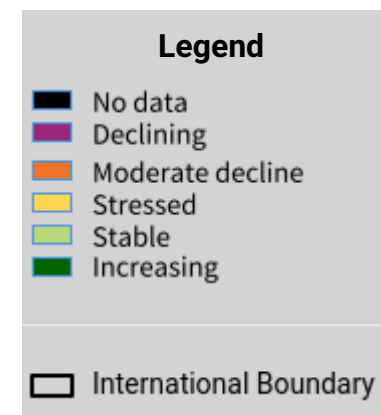
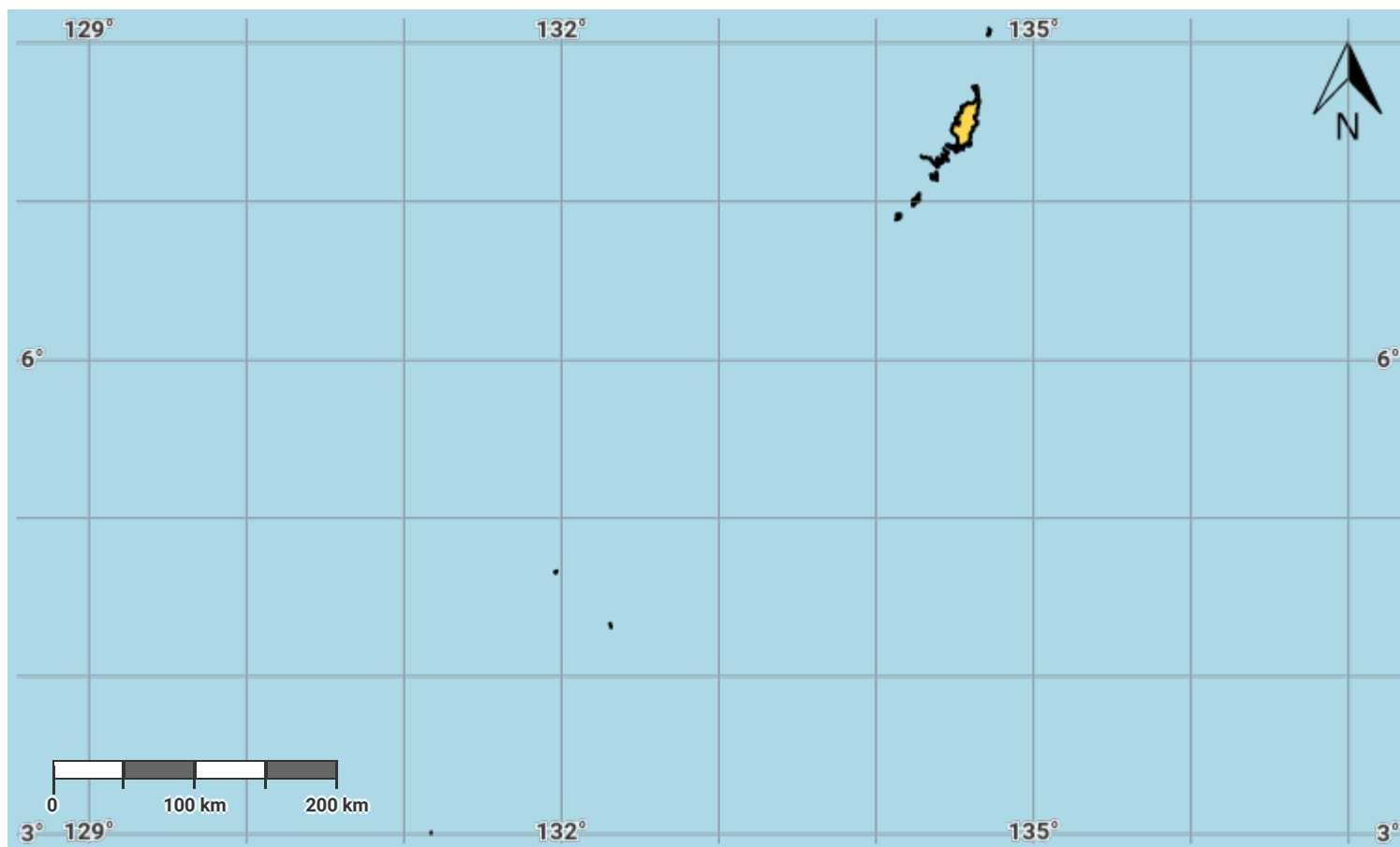
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## Palau – S01-2.M1

### Land productivity dynamics in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

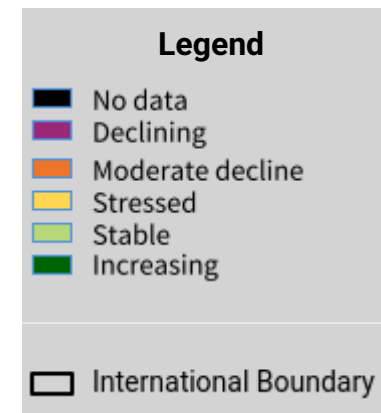
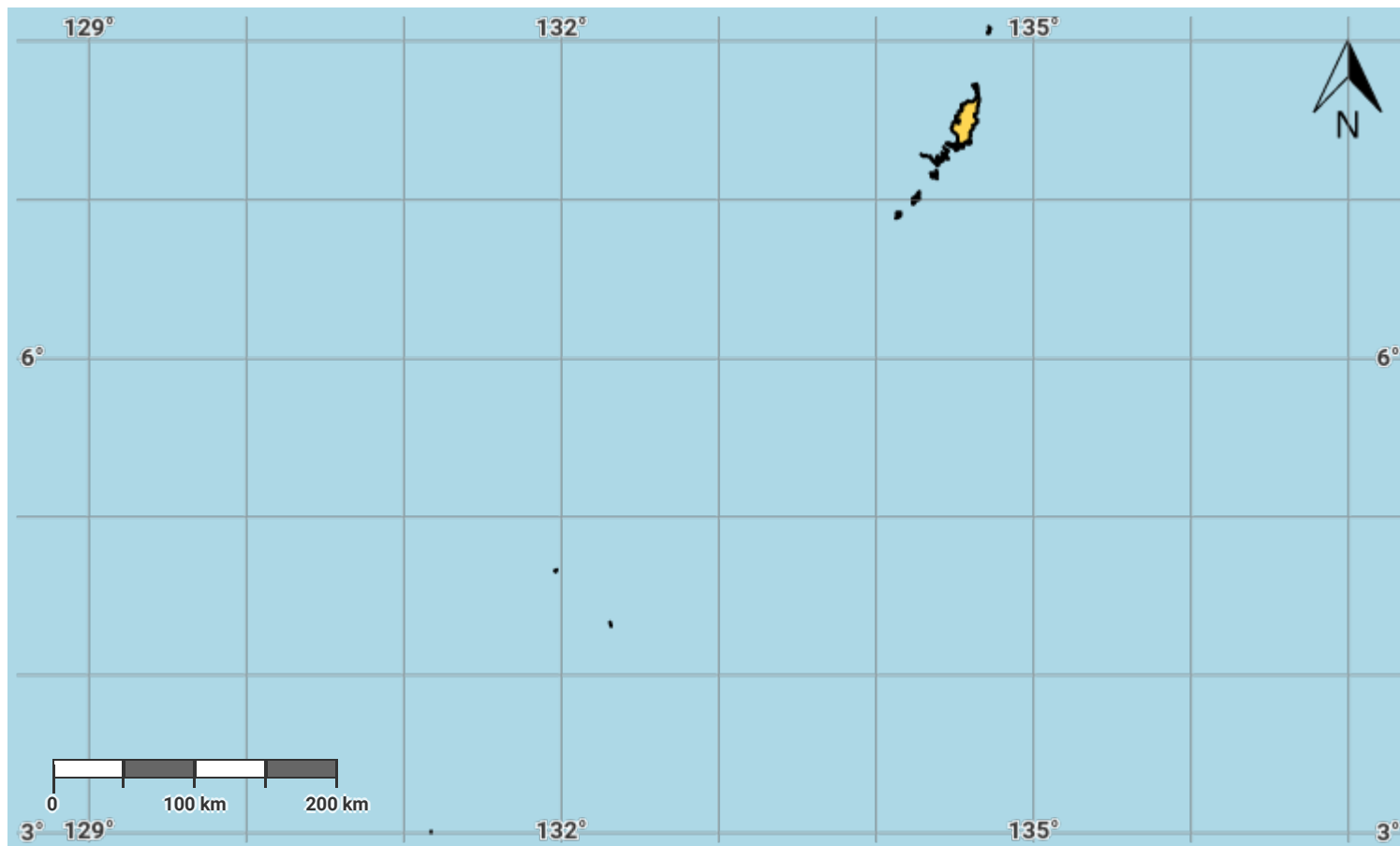
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## Palau – S01-2.M2

### Land productivity dynamics in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

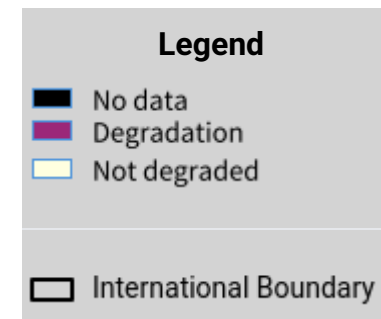
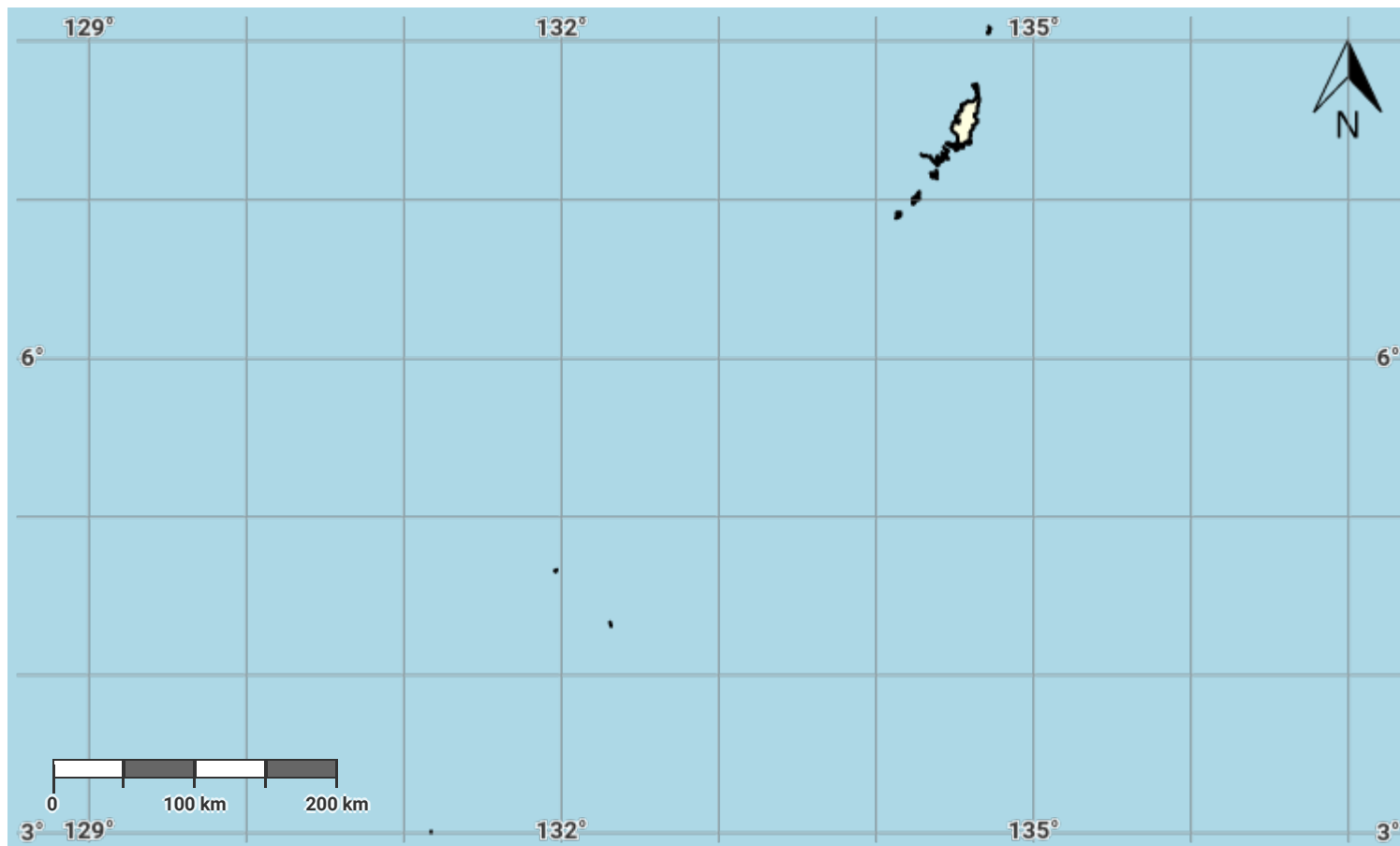
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## Palau – S01-2.M3

### Land productivity degradation in the baseline period



Projection: EPSG:3857 (Web Mercator)

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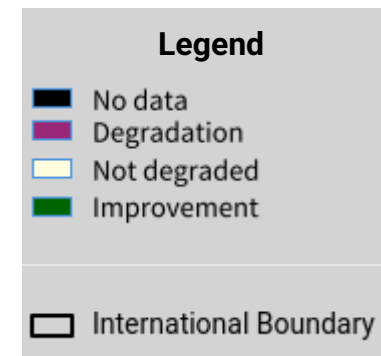
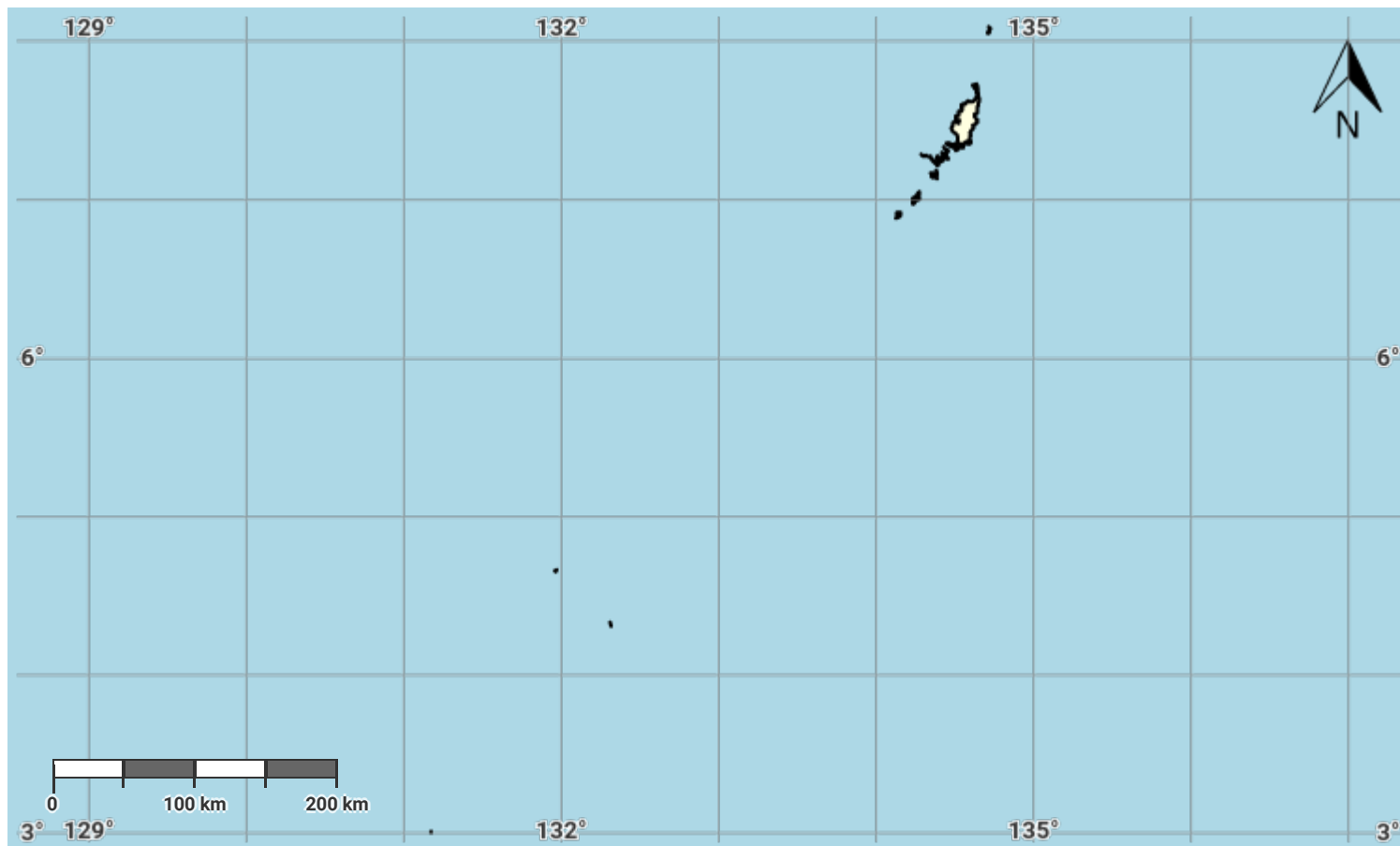
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## Palau – S01-2.M4

### Land productivity degradation in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

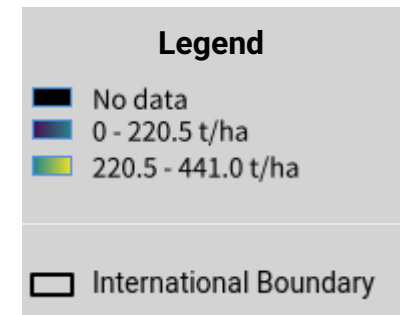
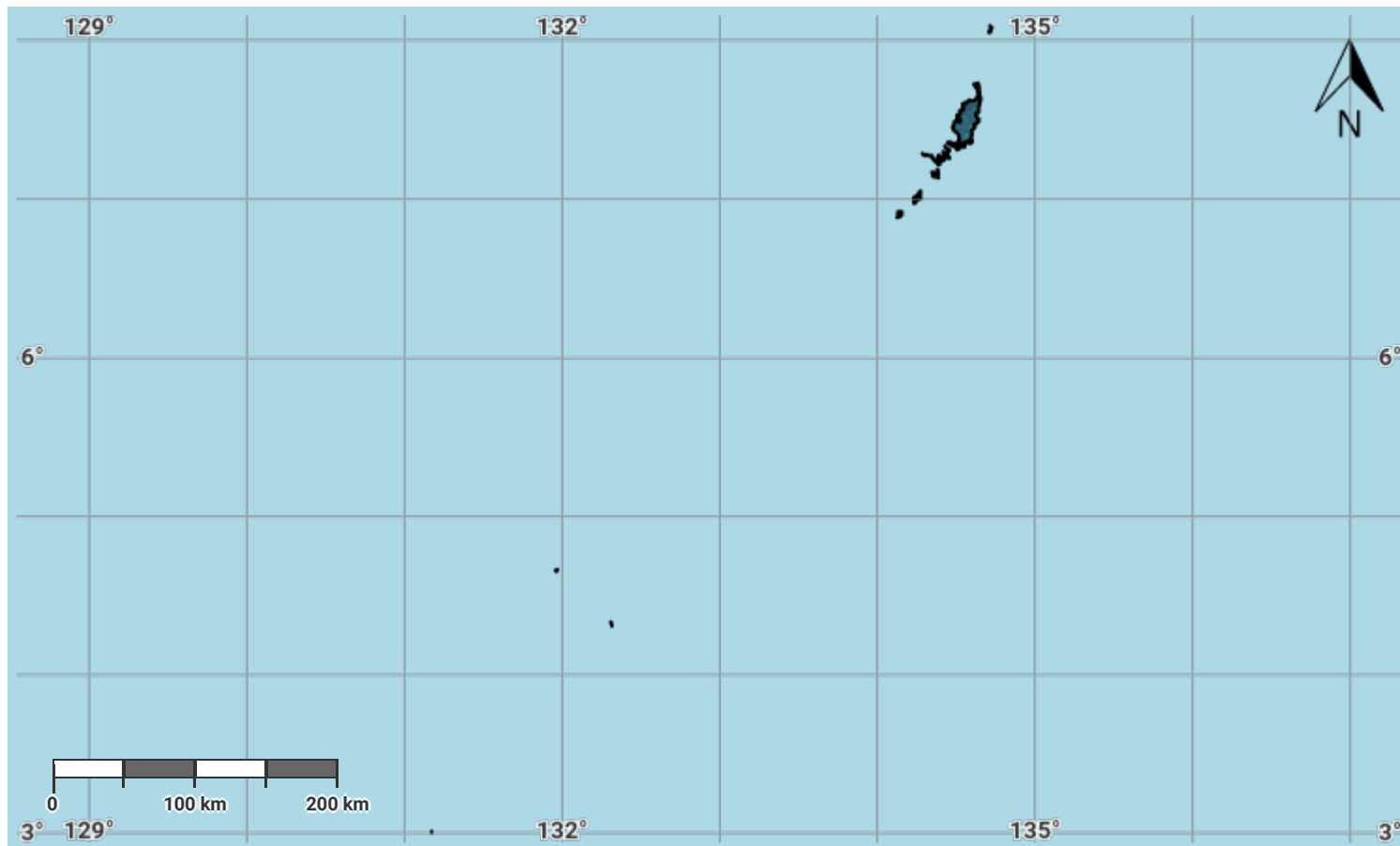
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## Palau – S01-3.M1

### Soil organic carbon stock in the initial year of the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

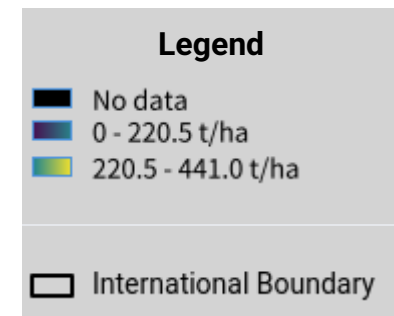
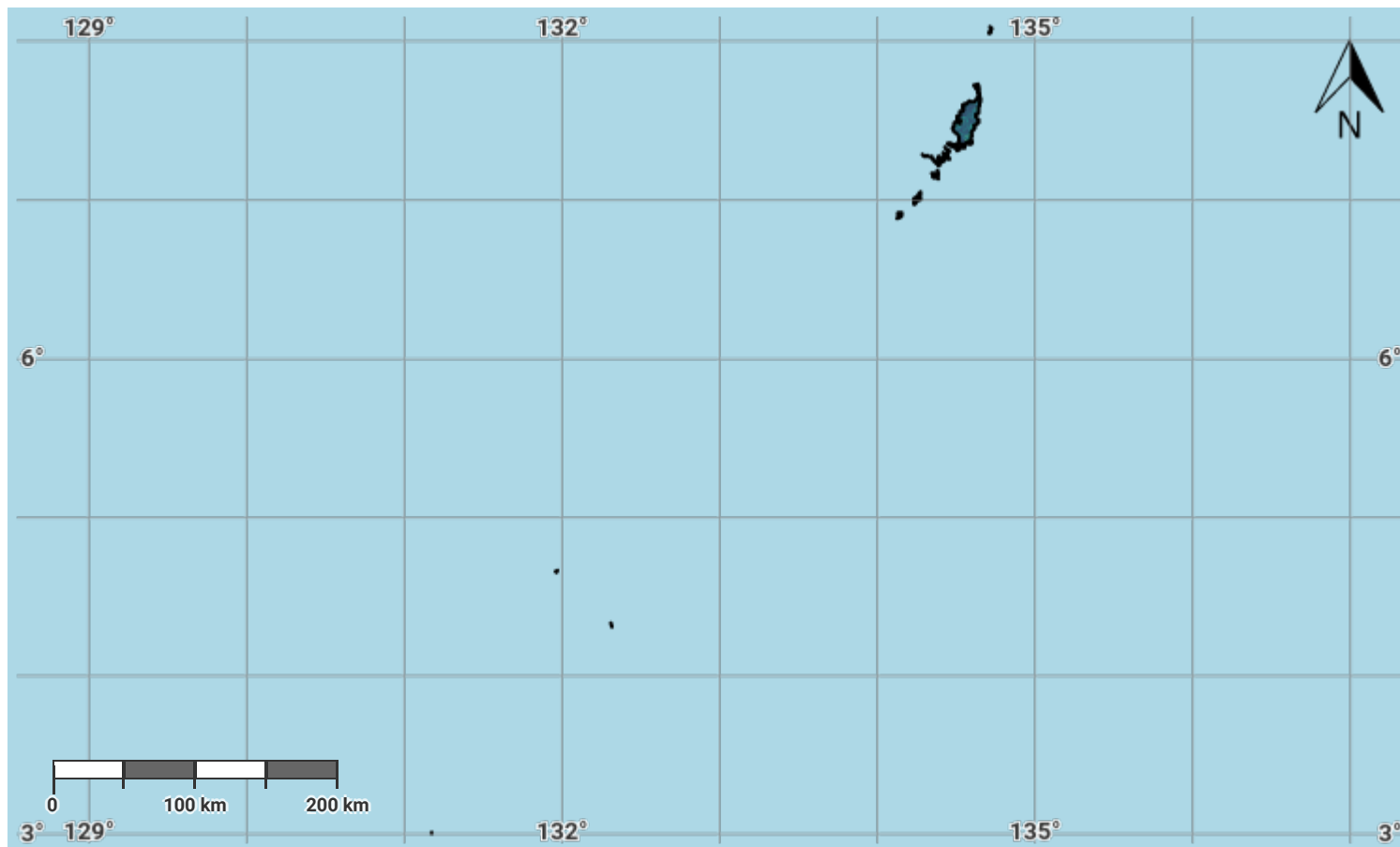
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## Palau – S01-3.M2

### Soil organic carbon stock in the baseline year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

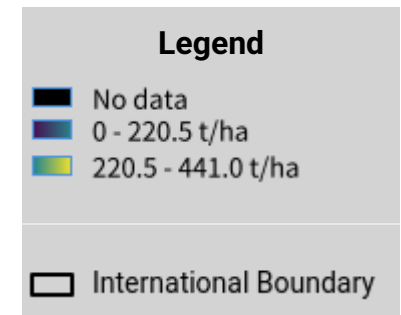
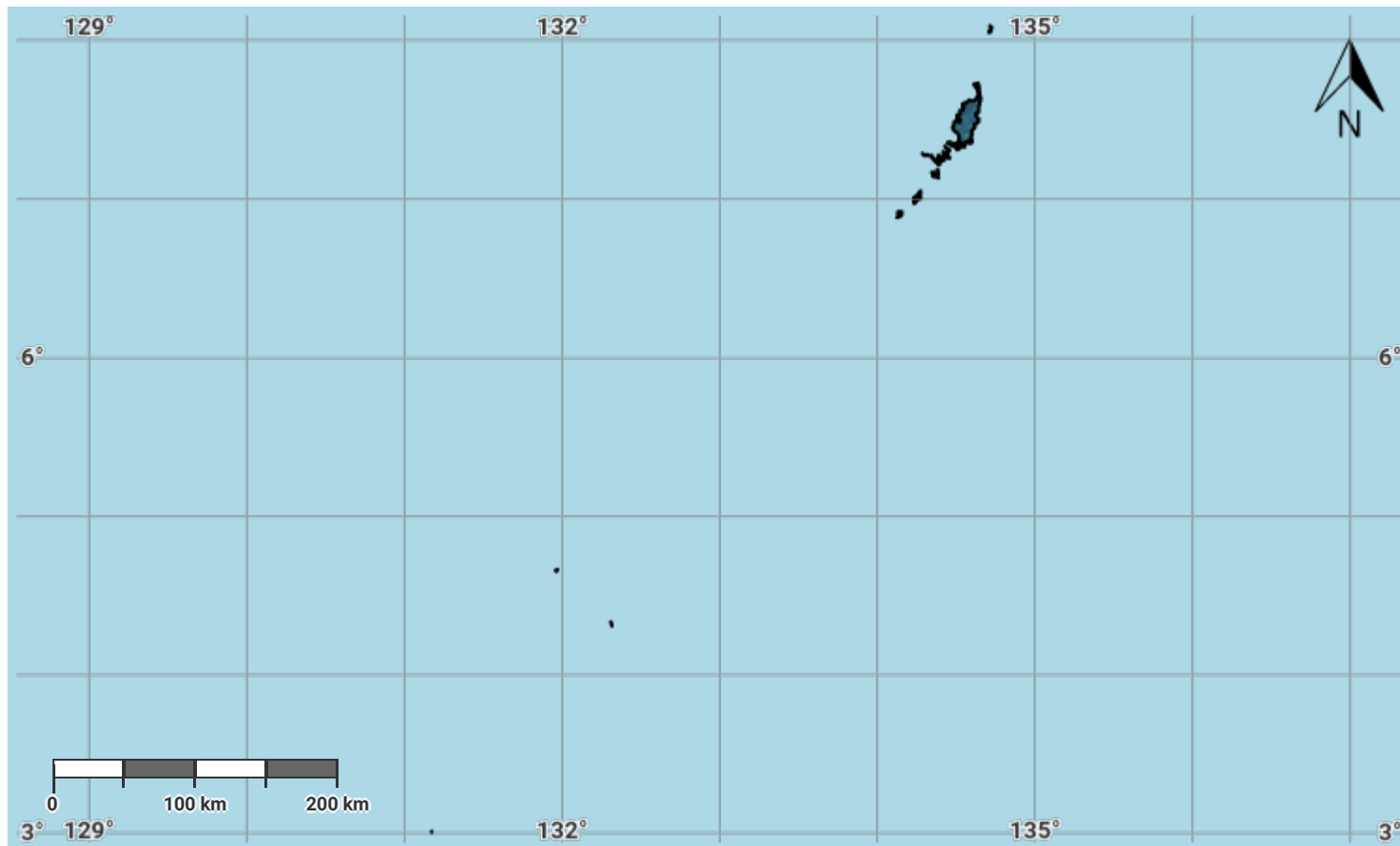
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## Palau – S01-3.M3

### Soil organic carbon stock in the latest reporting year



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

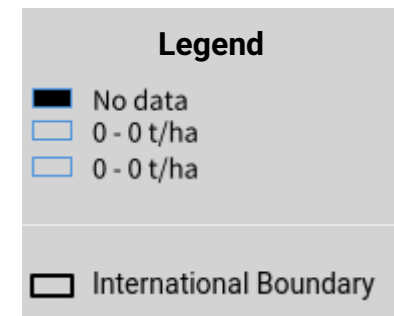
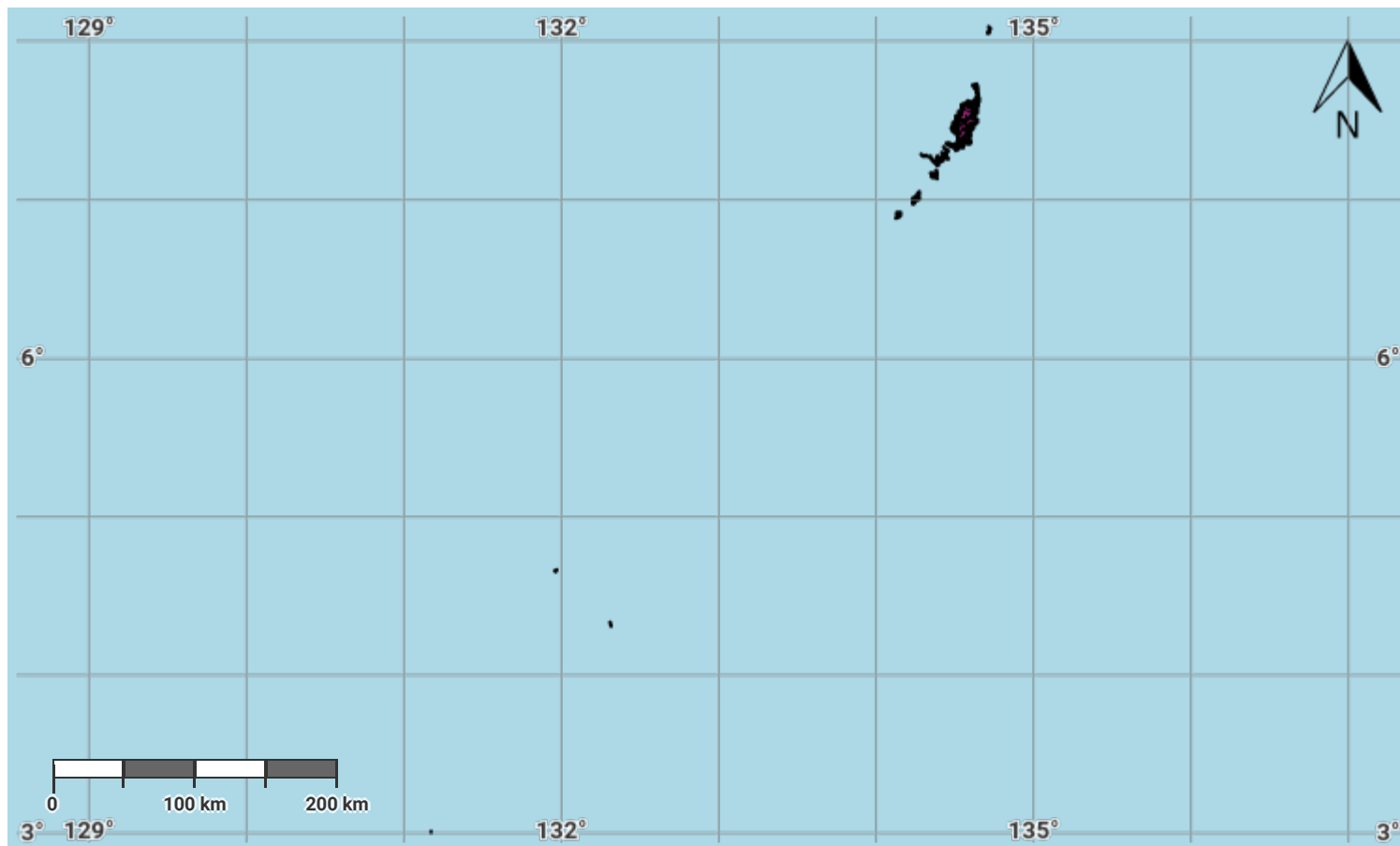
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## Palau – S01-3.M4

### Change in soil organic carbon stock in the baseline period



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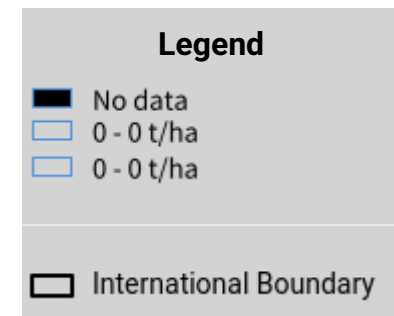
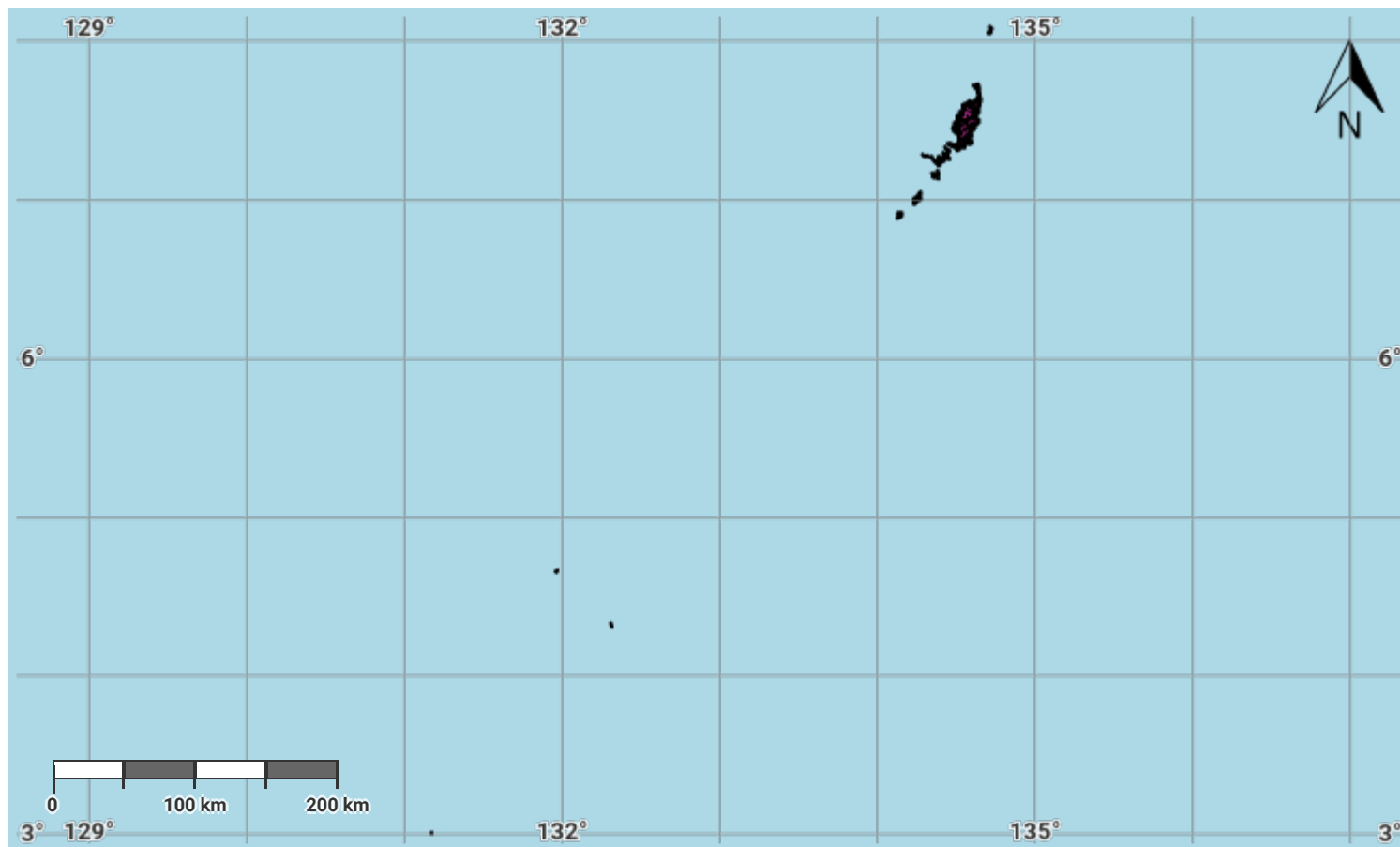
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## Palau – S01-3.M5

### Change in soil organic carbon stock in the reporting period



Projection: EPSG:3857 (Web Mercator)

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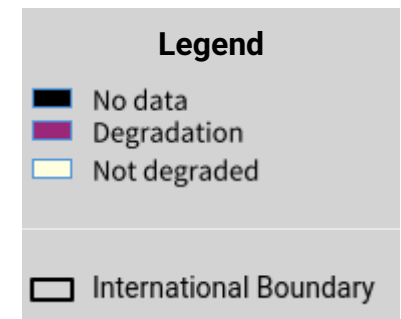
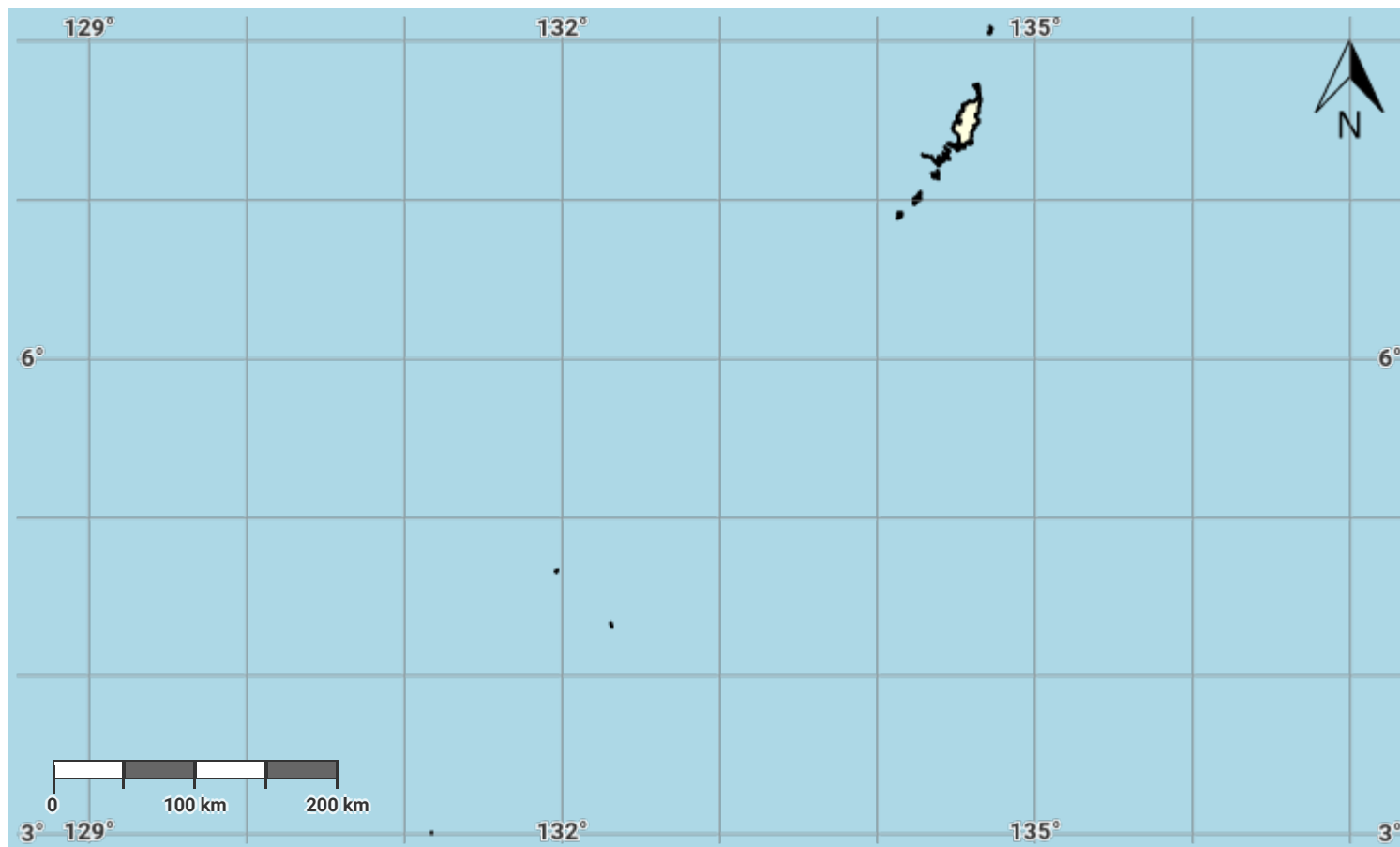
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- International Soil Reference and Information Centre (ISRIC) SoilGrids250m dataset. URL: <https://www.isric.org/explore/soilgrids>

## Palau – S01-3.M6

### Soil organic carbon degradation in the baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

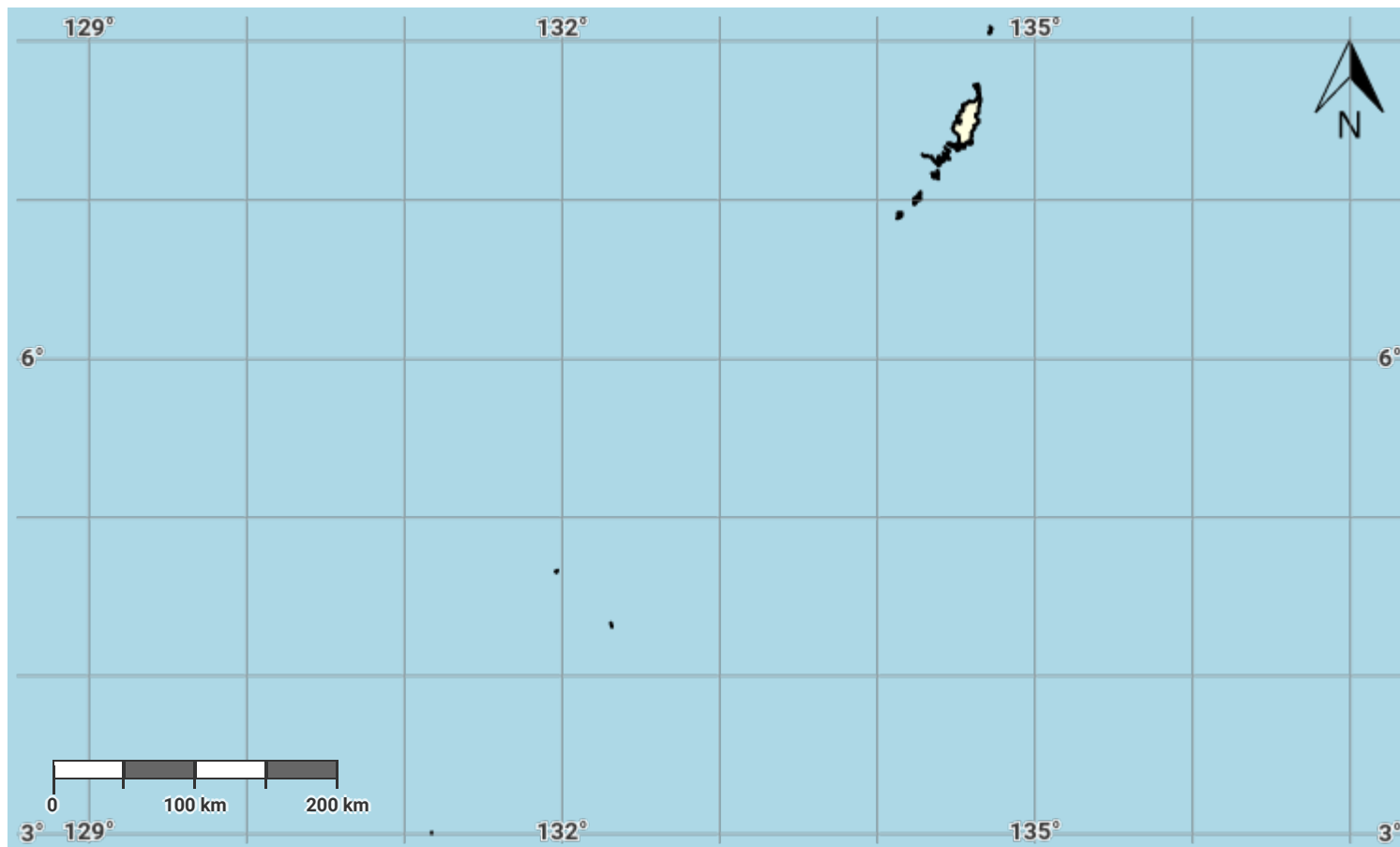
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#### Source Data Credits

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## Palau – S01-3.M7

### Soil organic carbon degradation in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

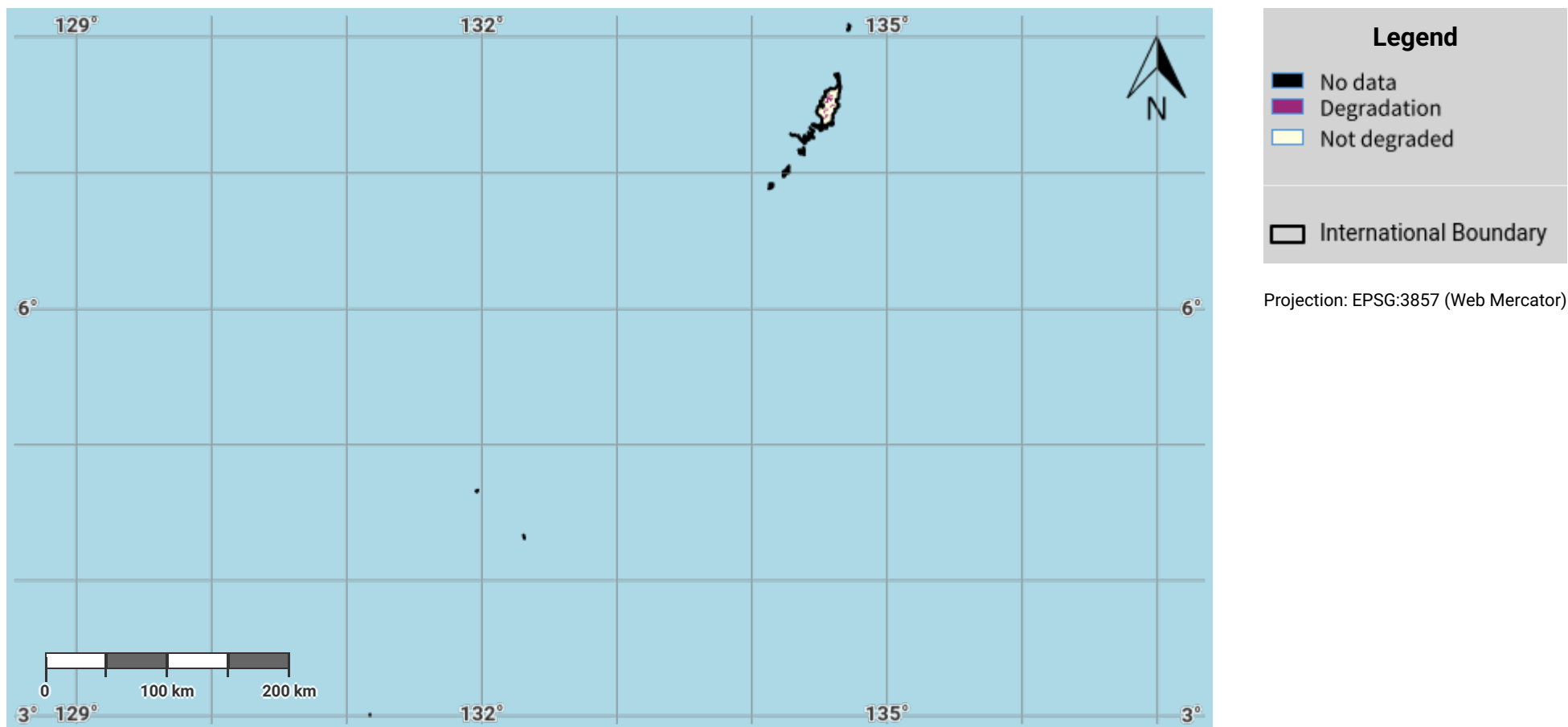
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## Palau – S01-4.M1

### Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the baseline period



#### Disclaimer

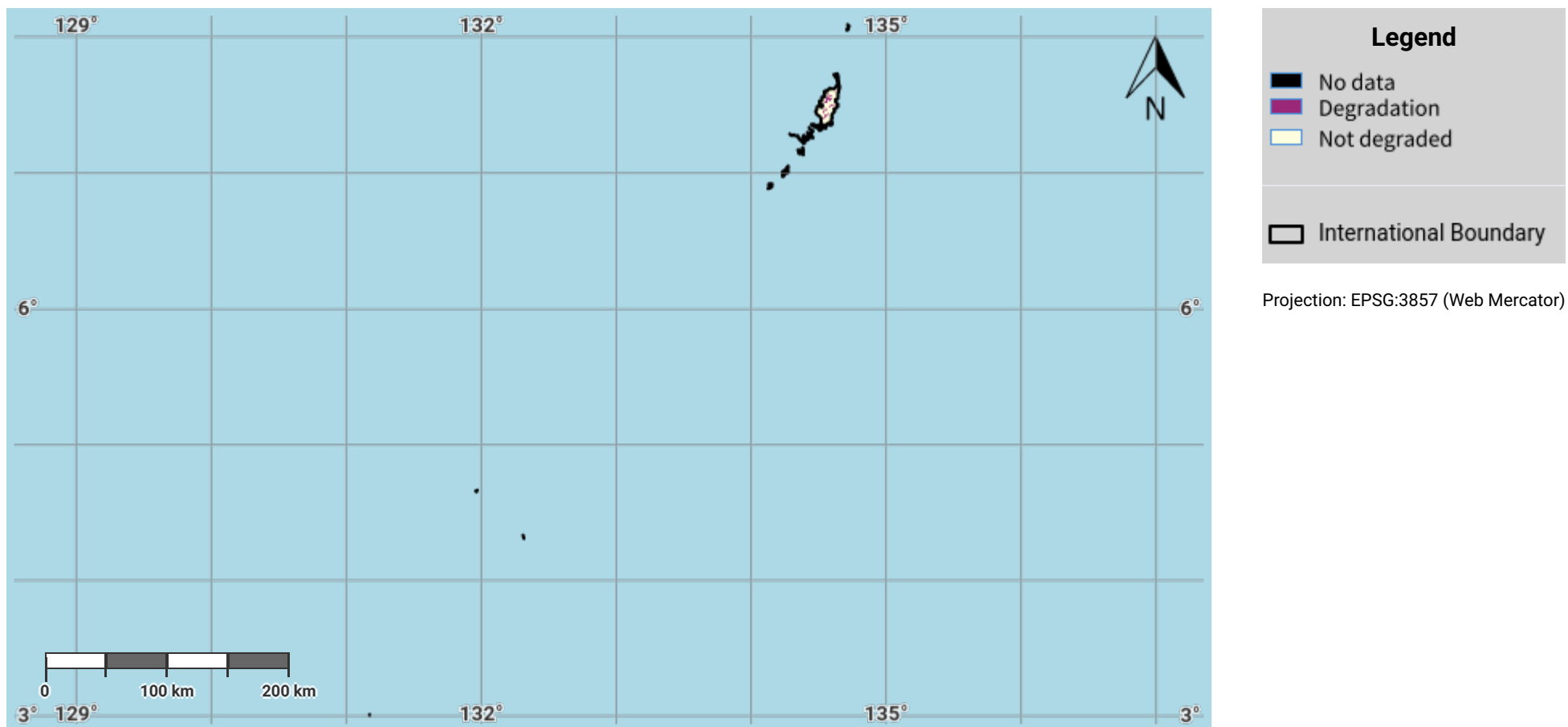
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- Derived based on the methodology in the Good Practice Guidance Version 2 for Sustainable Development Goal (SDG) indicator 15.3.1 - Proportion of land that is degraded over total land area. URL: <https://www.unccd.int/publications/good-practice-guidance-sdg-indicator-1531-proportion-land-degraded-over-total-land>

## Palau – S01-4.M2

### Proportion of land that is degraded over total land area (SDG Indicator 15.3.1) in the reporting period



#### Disclaimer

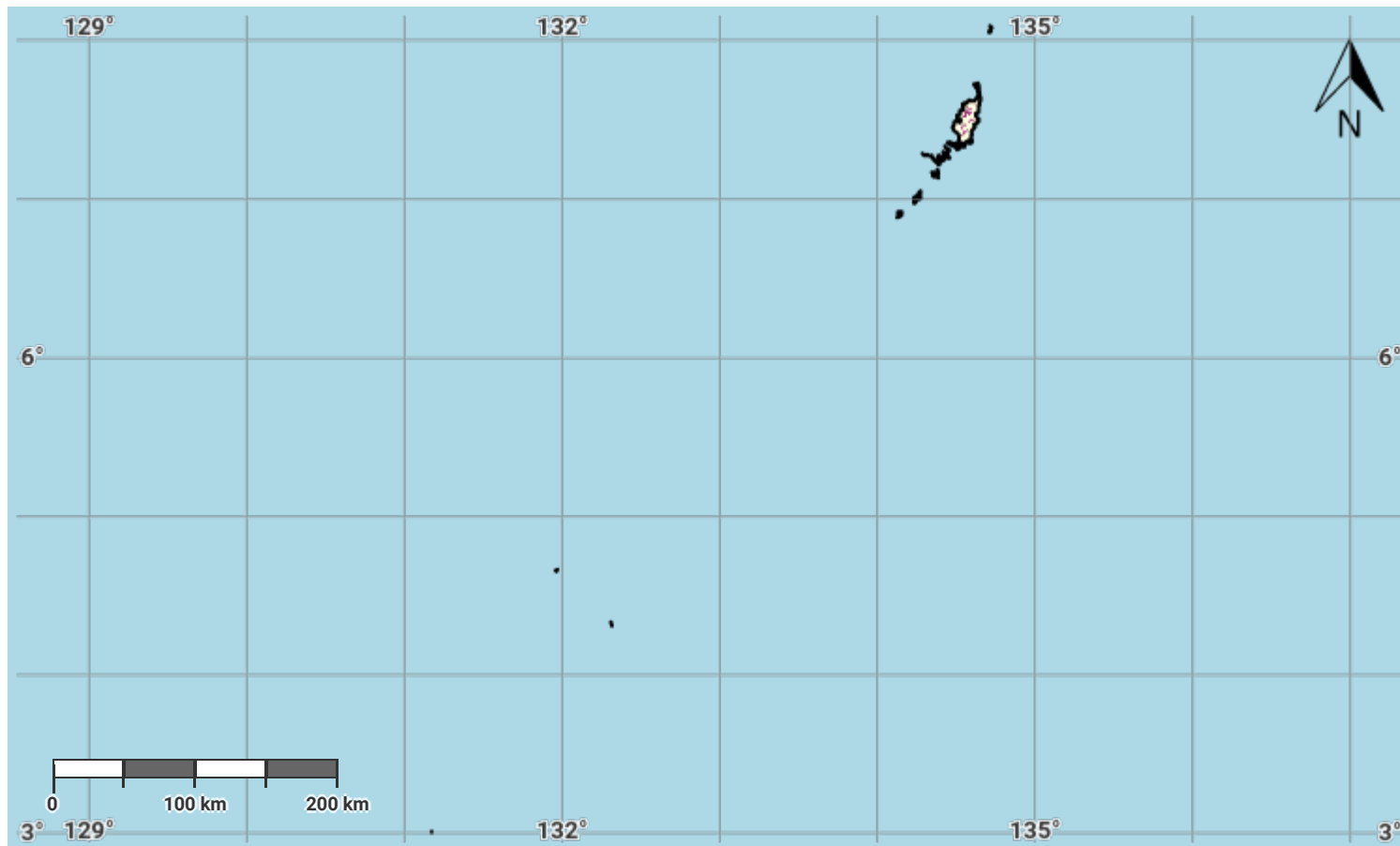
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- Derived based on the methodology in the Good Practice Guidance Version 2 for Sustainable Development Goal (SDG) indicator 15.3.1 - Proportion of land that is degraded over total land area. URL: <https://www.unccd.int/publications/good-practice-guidance-sdg-indicator-1531-proportion-land-degraded-over-total-land>

## Palau – S01-4.M3

### Progress towards Land Degradation Neutrality (LDN) in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

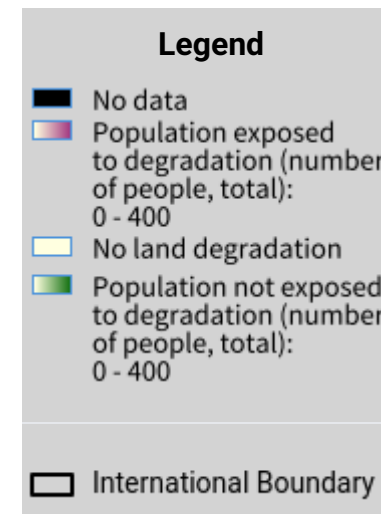
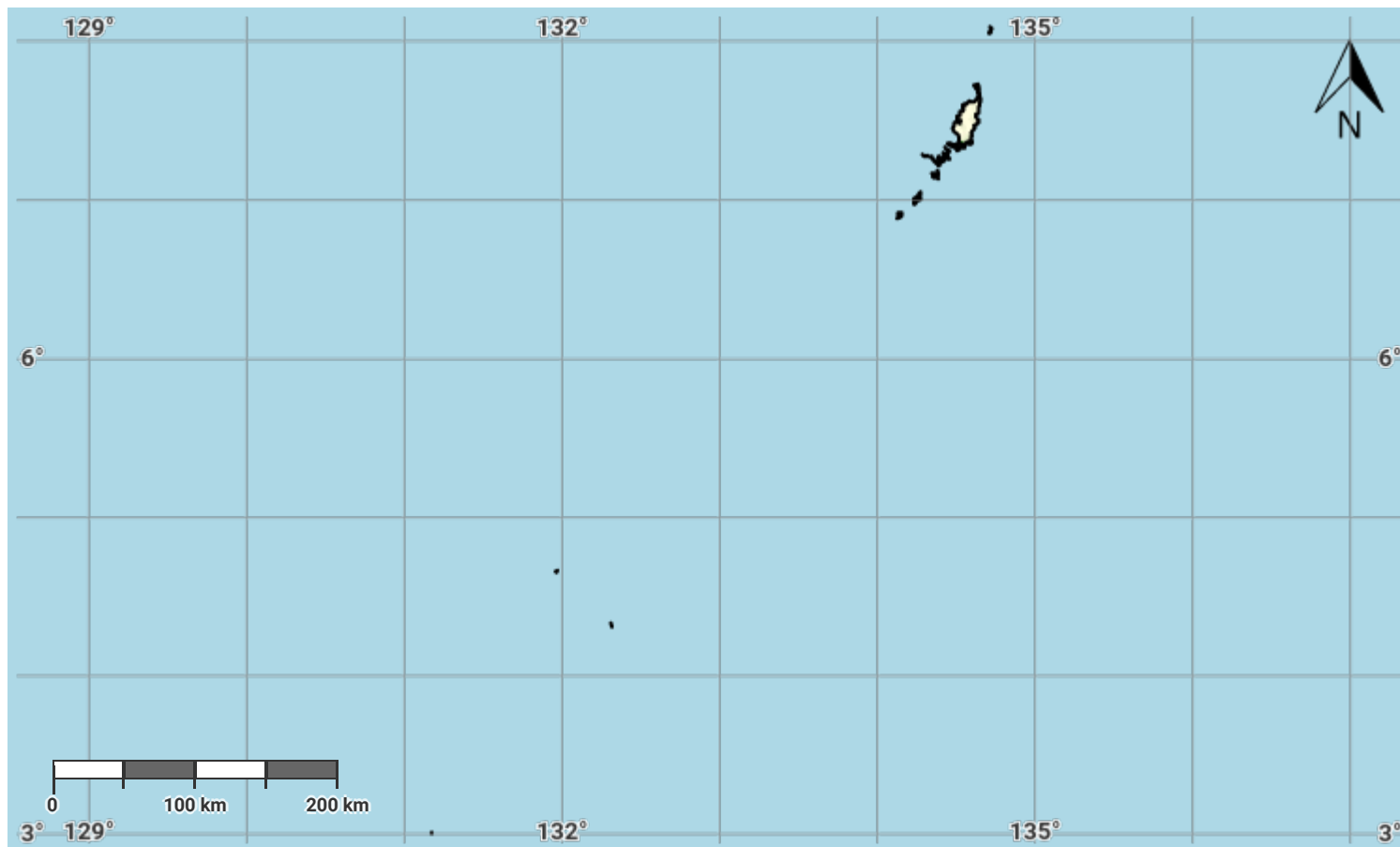
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#### Source Data Credits

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## Palau – S02-3.M1

### Total Population exposed to land degradation (baseline)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

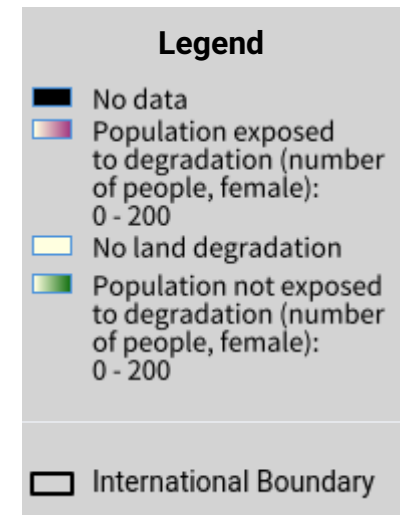
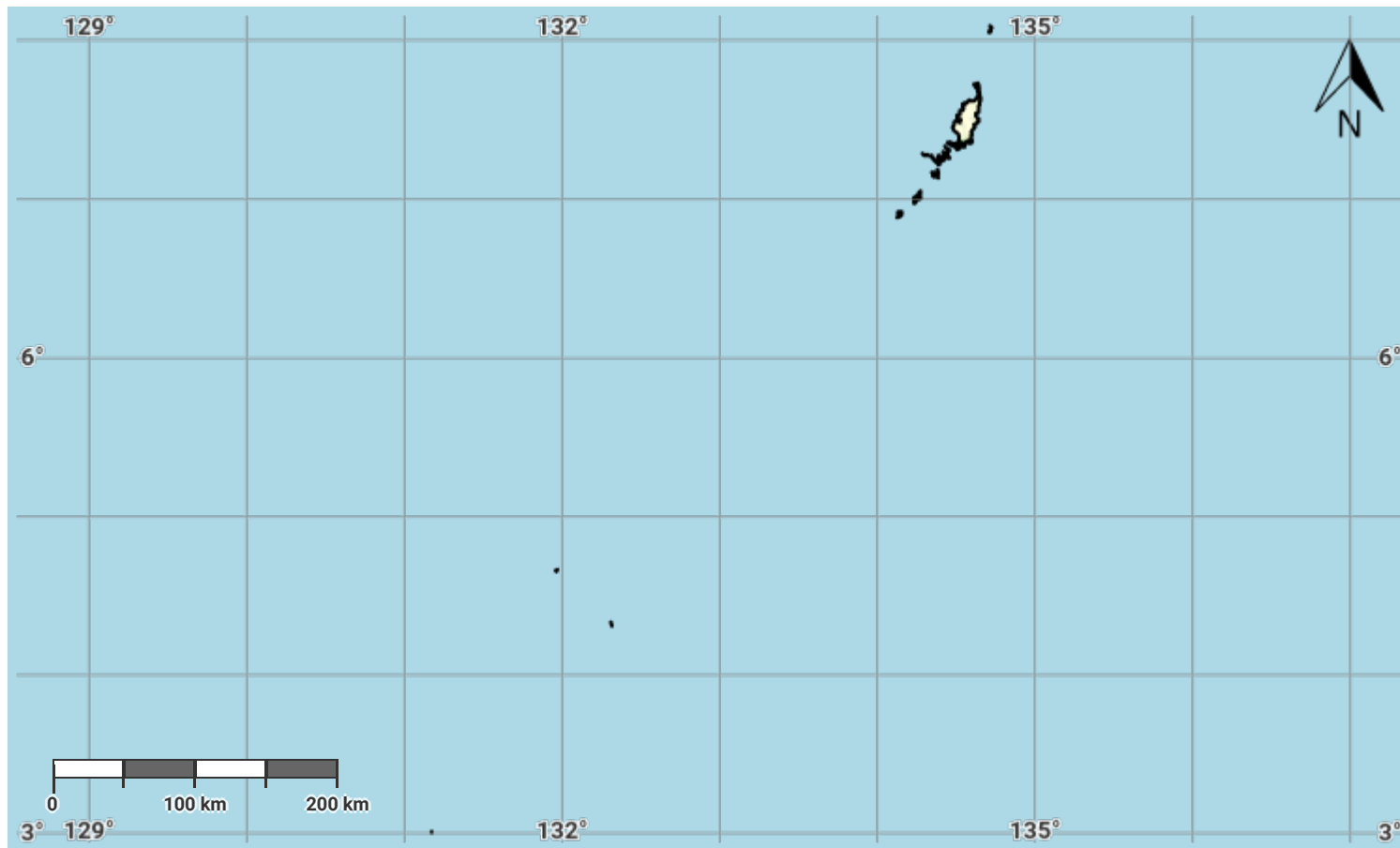
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#### Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- WorldPop project URL: <https://www.worldpop.org>

## Palau – S02-3.M2

### Female Population exposed to land degradation (baseline)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Convention to Combat Desertification (UNCCD) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. All maps represent the terrestrial area of the country; offshore islands, overseas departments and territories may not be displayed due to cartographic limitations.

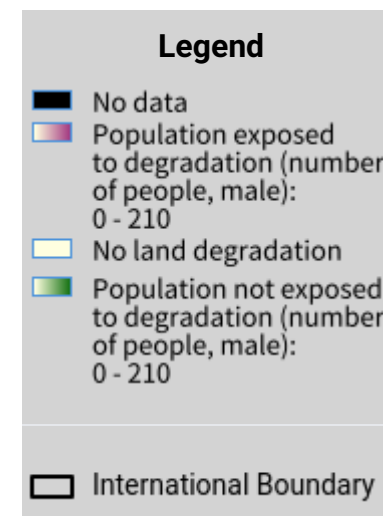
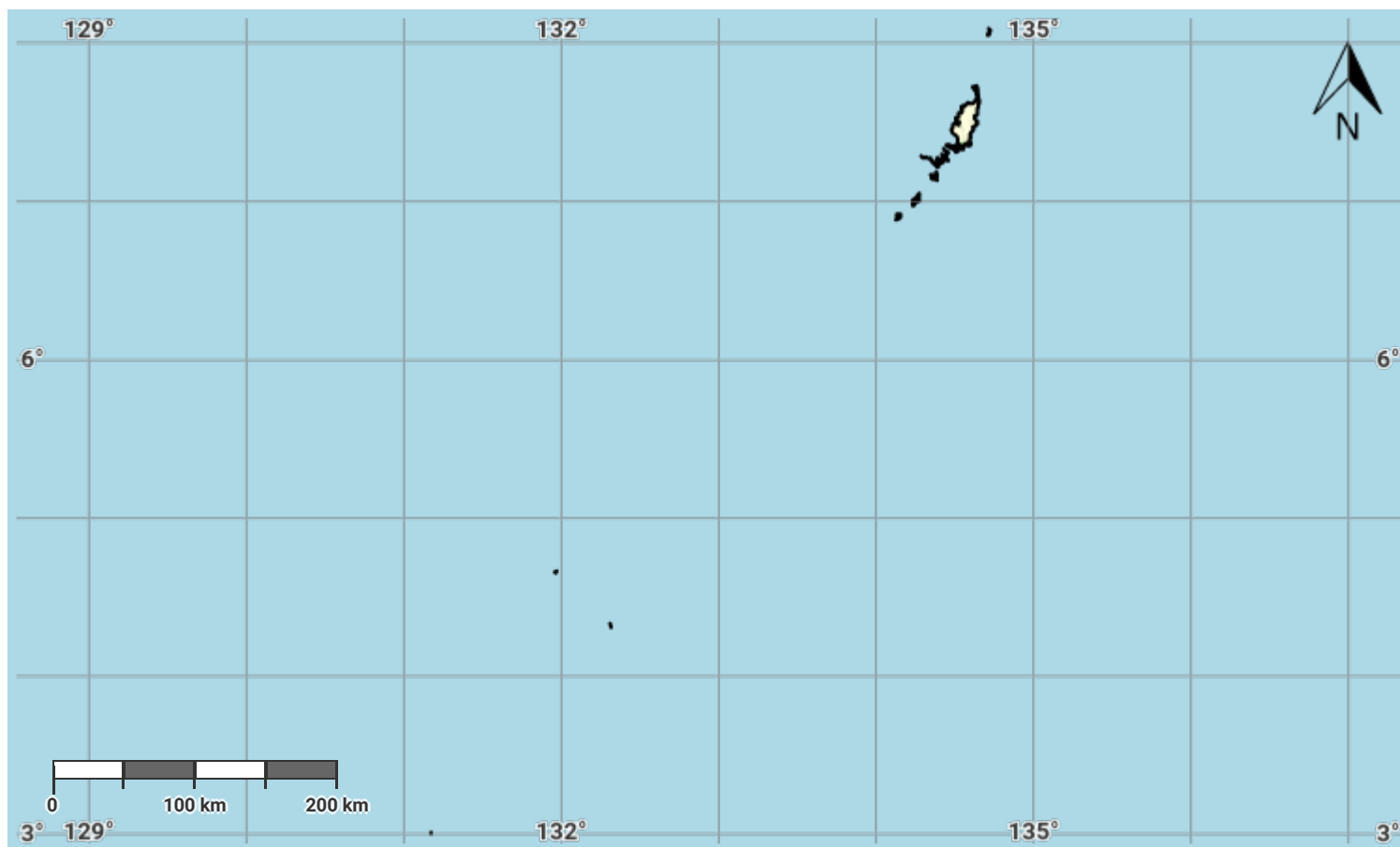
#### Source Data Credits

- United Nations Clear Map, United Nations Geospatial.
- WorldPop project URL: <https://www.worldpop.org>



## Palau – S02-3.M3

### Male Population exposed to land degradation (baseline)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

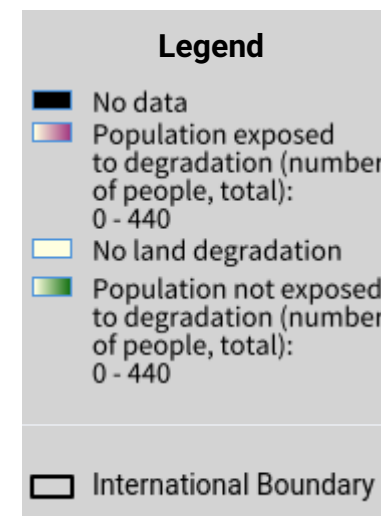
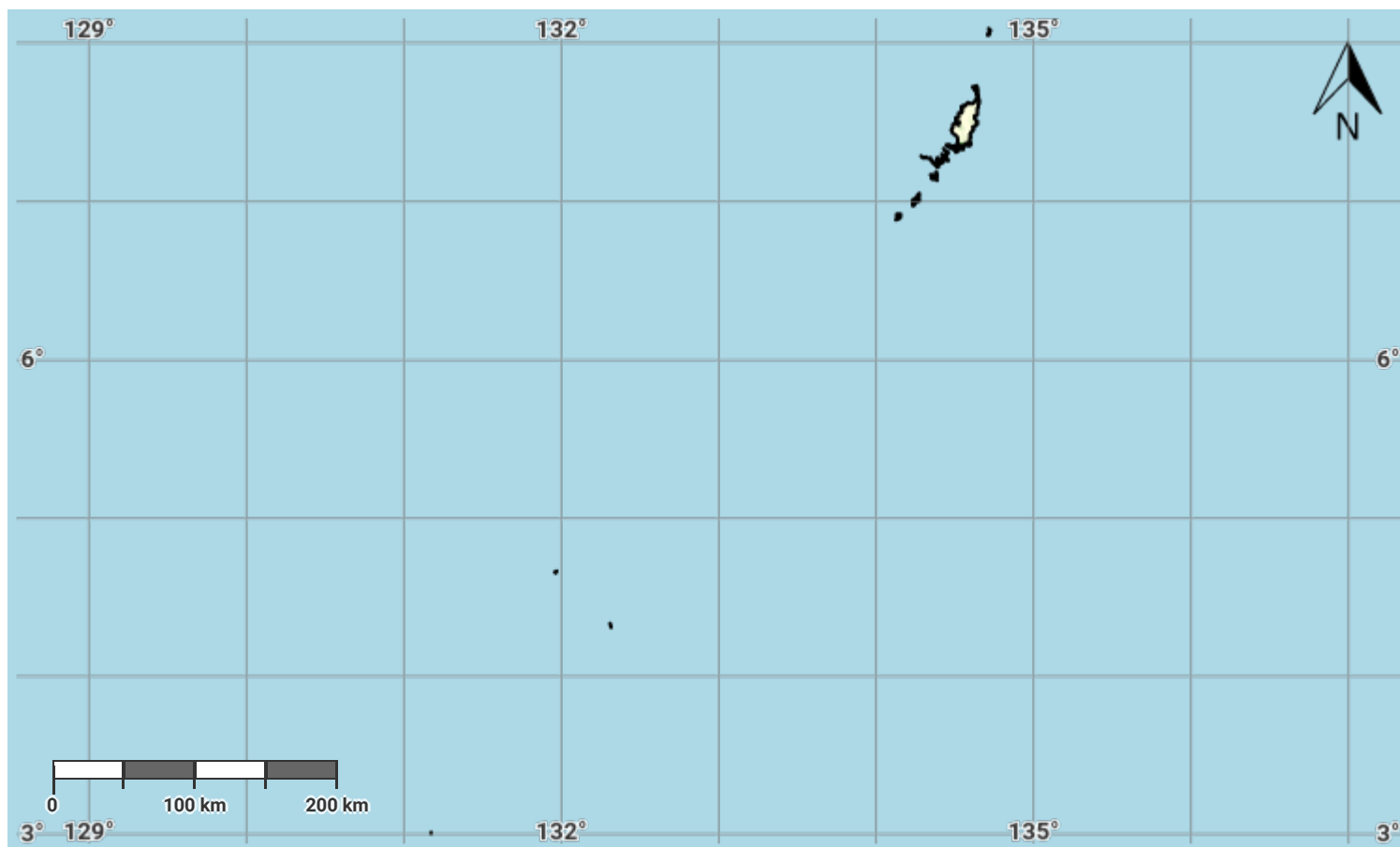
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#### Source Data Credits

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- WorldPop project URL: <https://www.worldpop.org>

## Palau – S02-3.M4

### Total Population exposed to land degradation (reporting)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

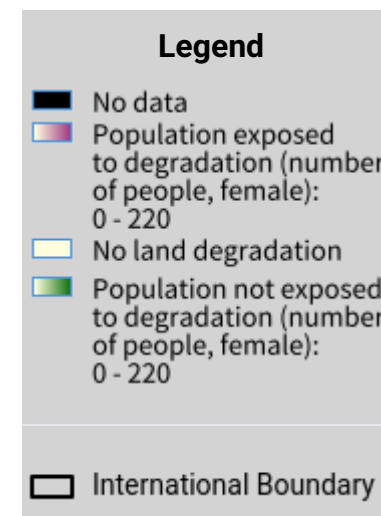
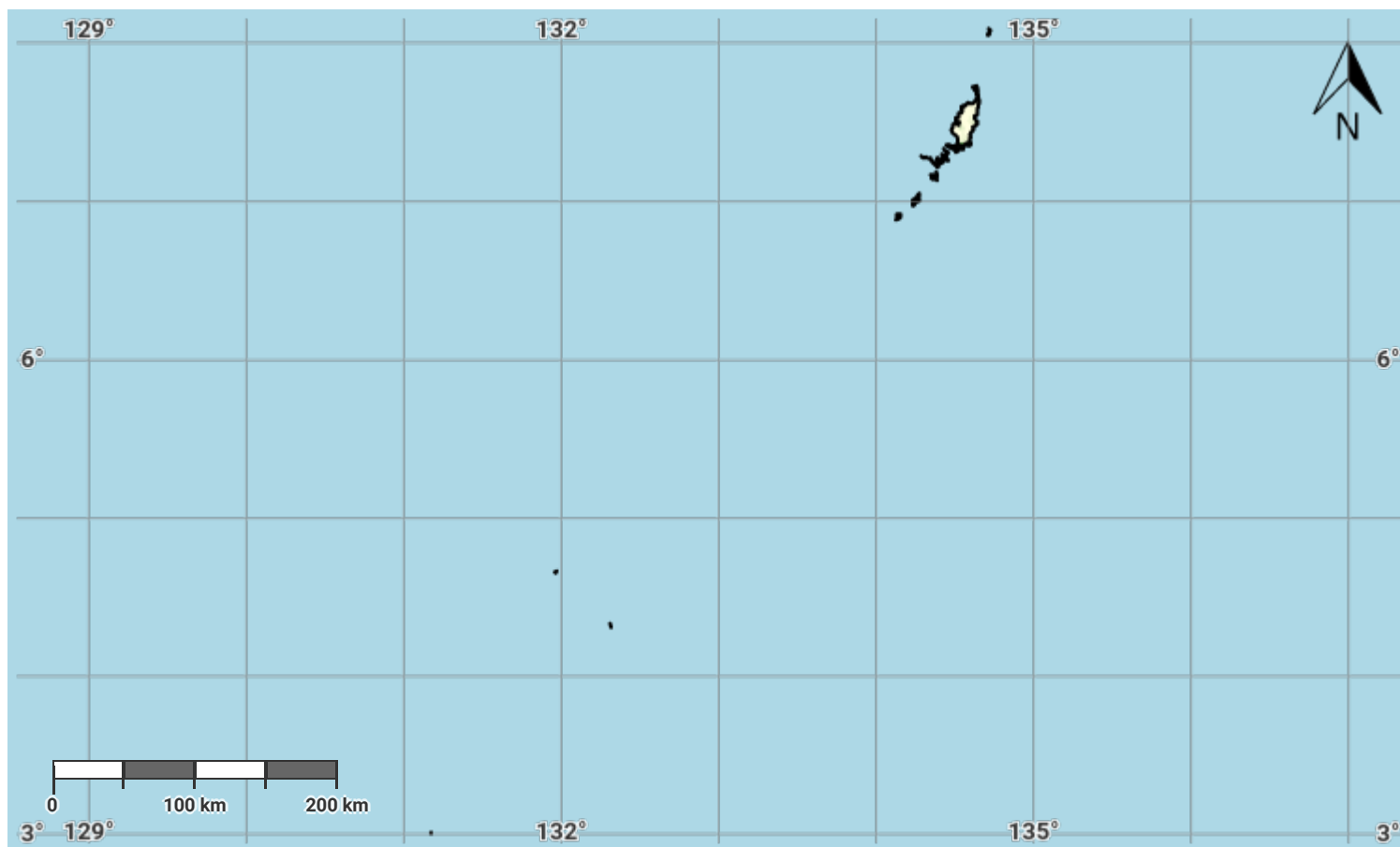
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#### Source Data Credits

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- WorldPop project URL: <https://www.worldpop.org>

## Palau – S02-3.M5

### Female Population exposed to land degradation (reporting)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

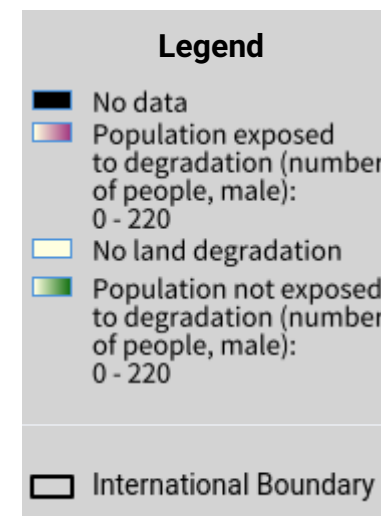
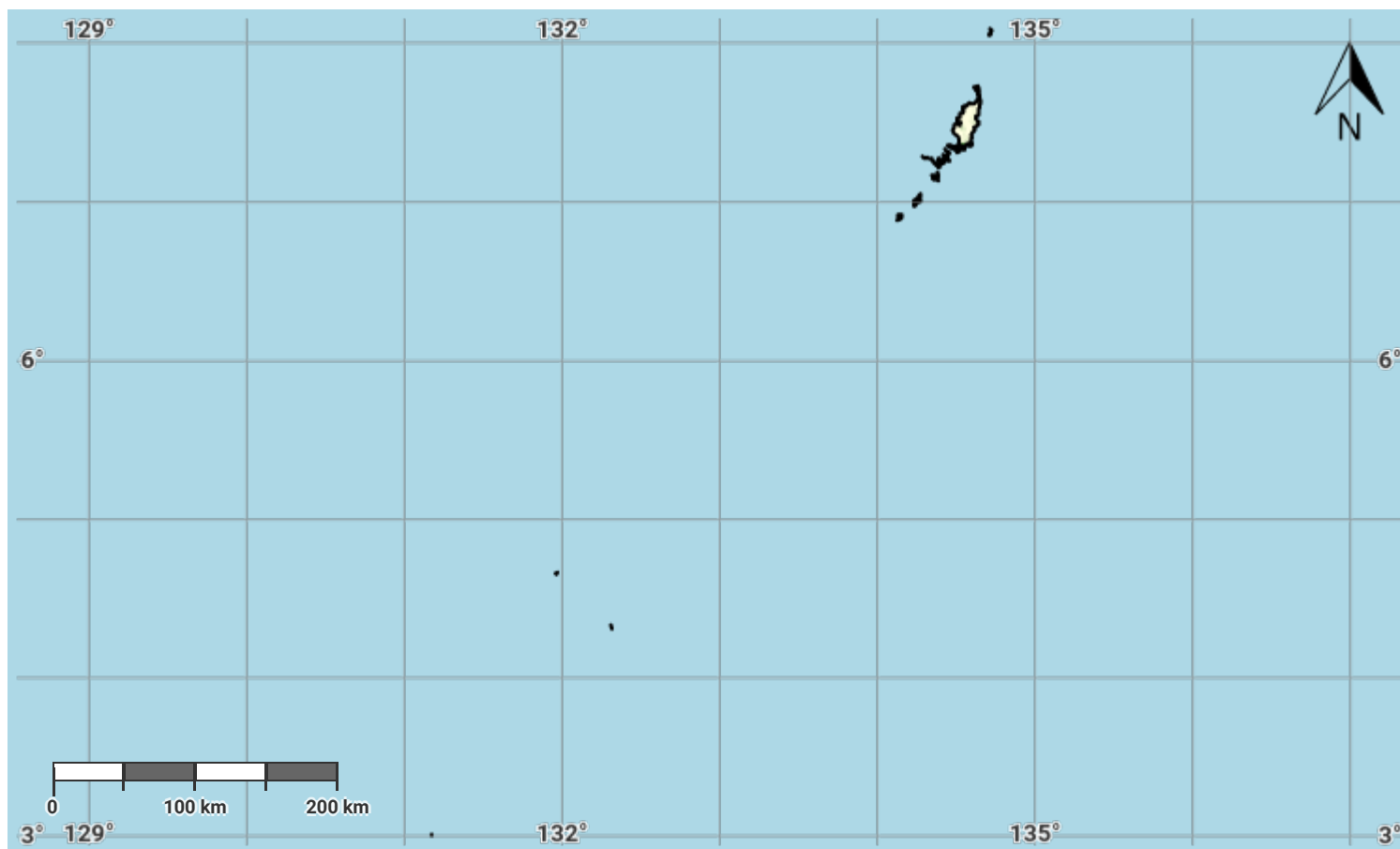
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#### Source Data Credits

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- WorldPop project URL: <https://www.worldpop.org>

## Palau – S02-3.M6

### Male Population exposed to land degradation (reporting)



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

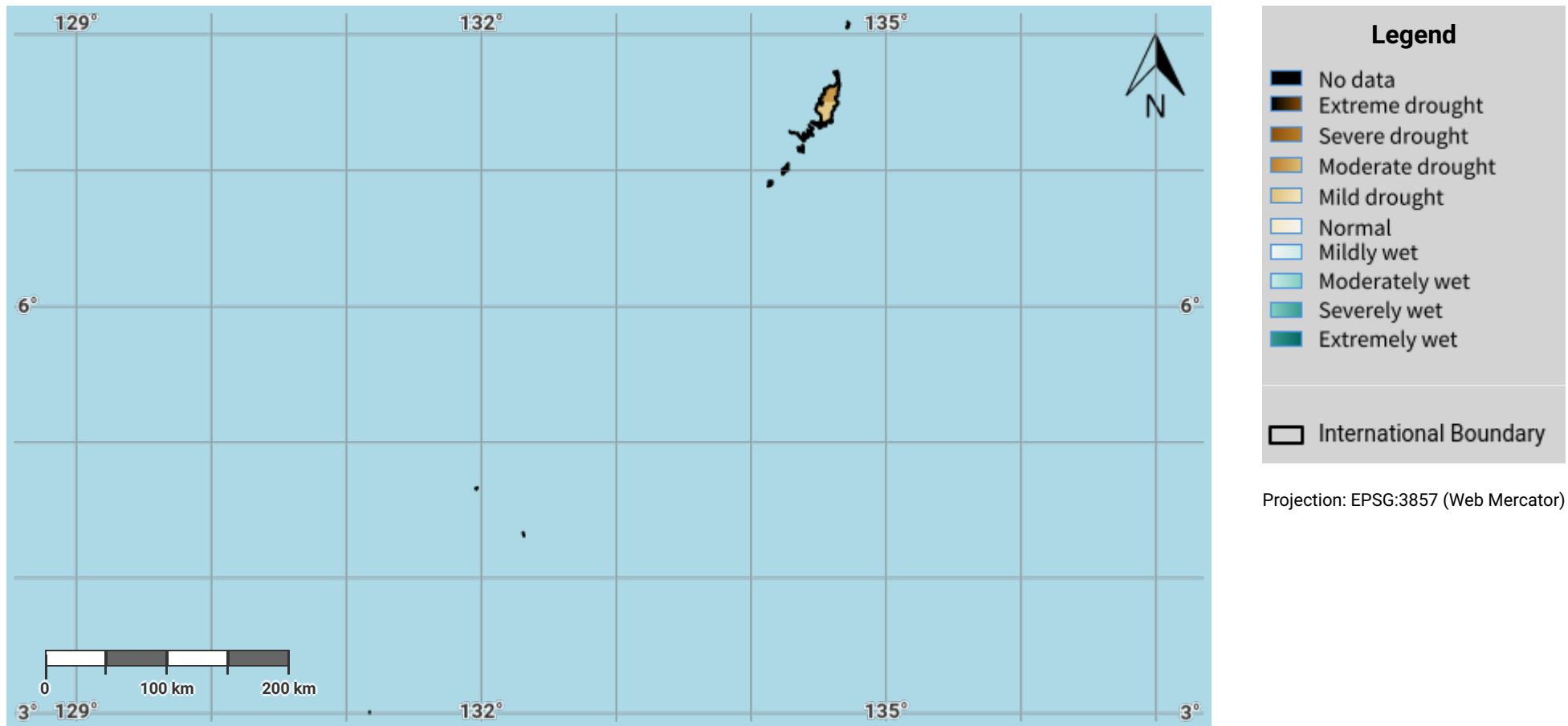
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- WorldPop project URL: <https://www.worldpop.org>

## Palau – S03-1.M1

### Drought hazard in first epoch of baseline period



#### Disclaimer

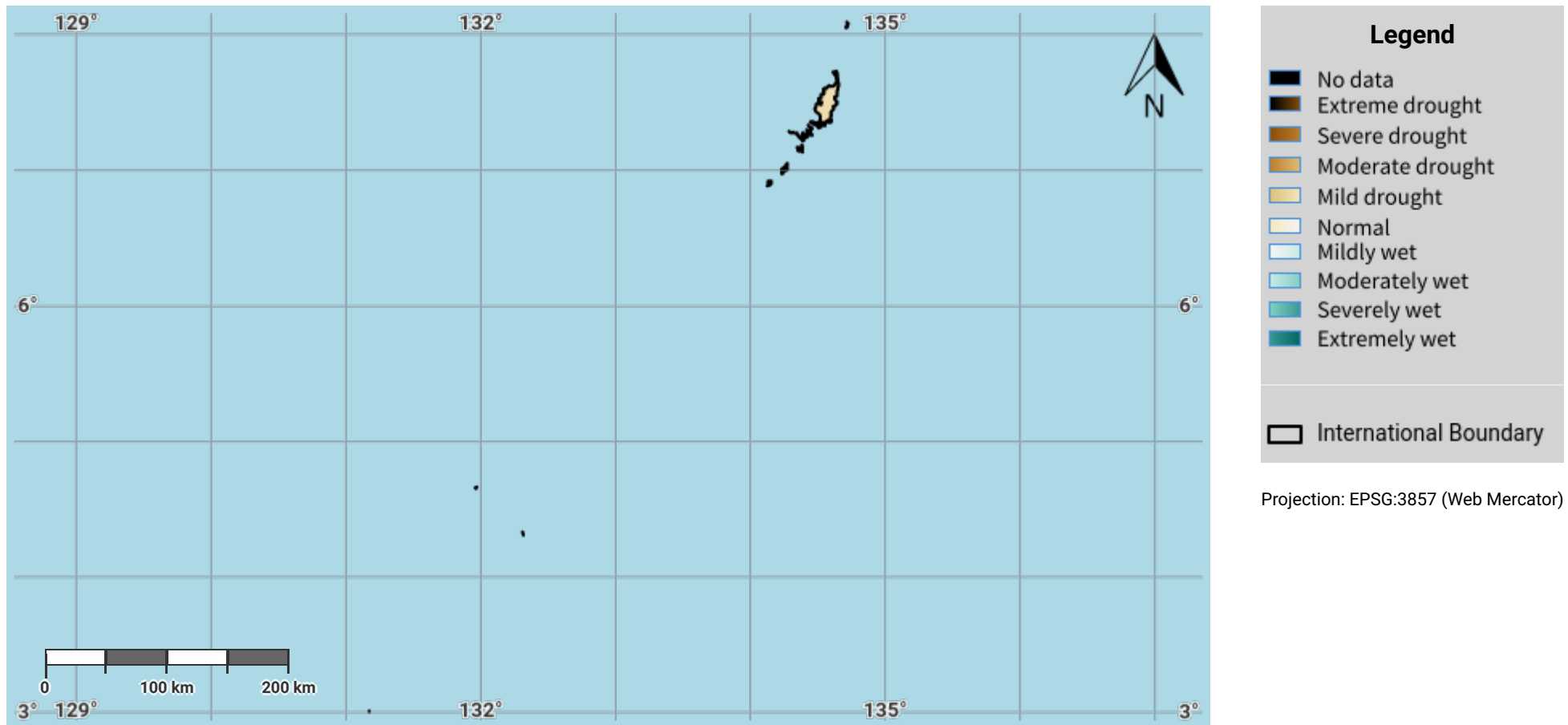
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## Palau – S03-1.M2

### Drought hazard in second epoch of baseline period



#### Disclaimer

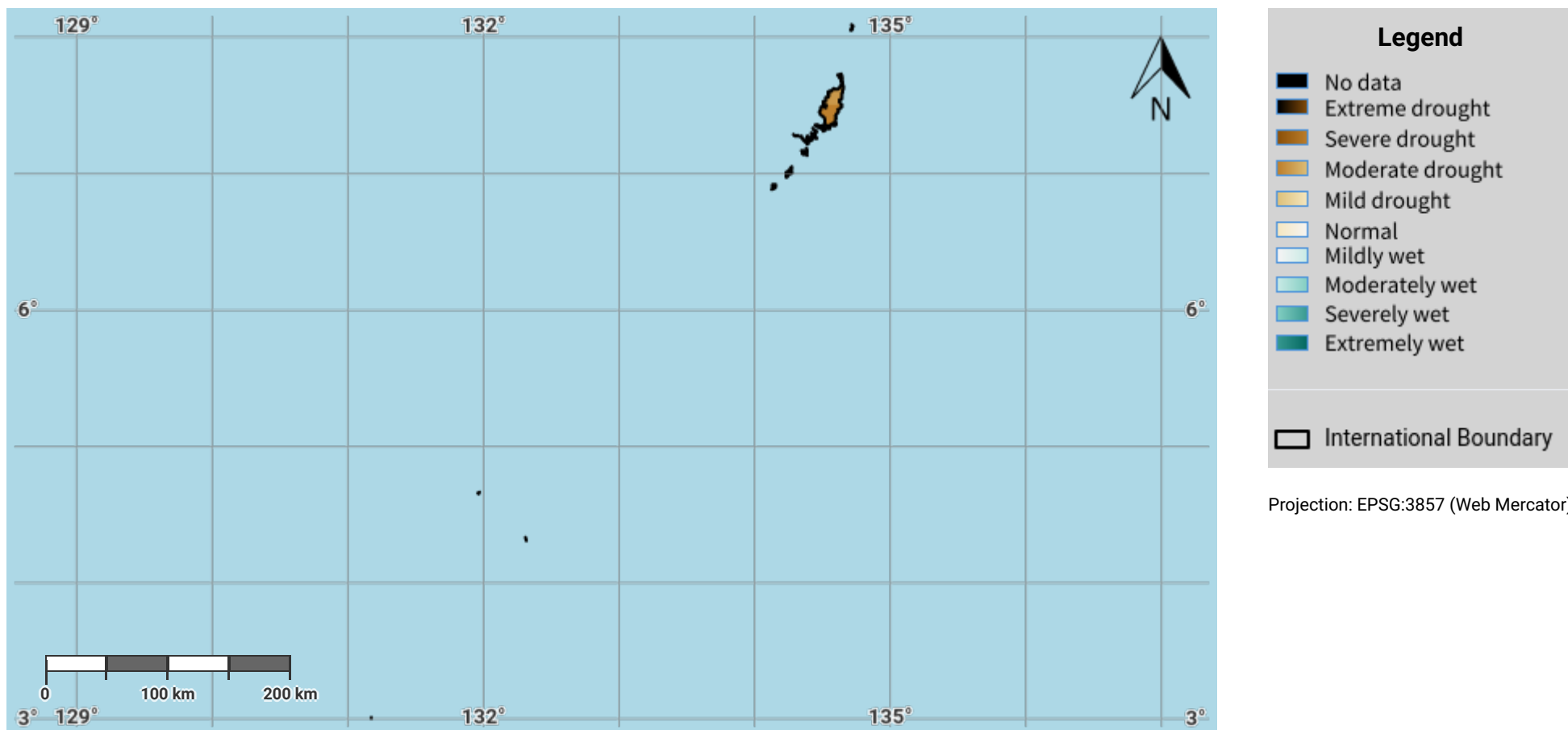
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## Palau – S03-1.M3

### Drought hazard in third epoch of baseline period



#### Disclaimer

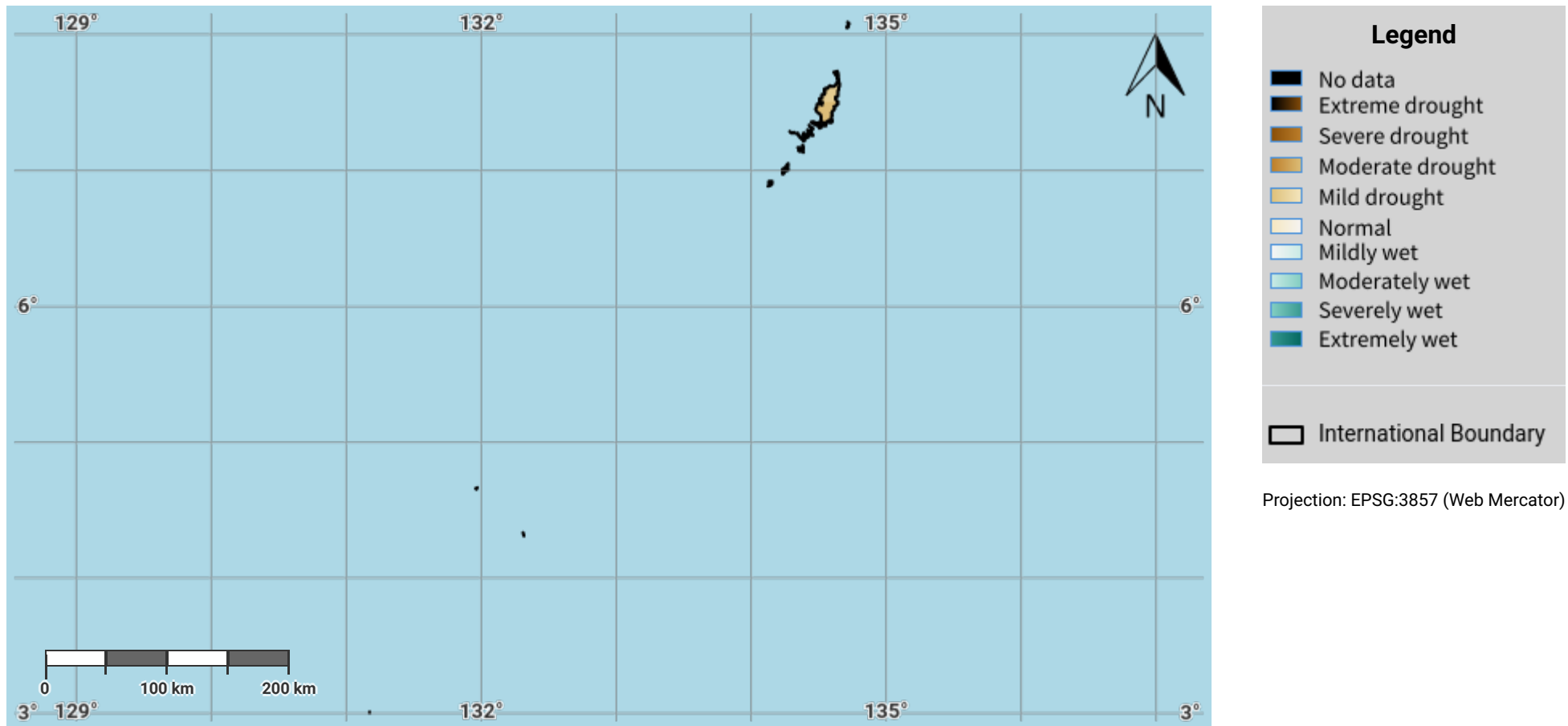
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## Palau – S03-1.M4

### Drought hazard in fourth epoch of baseline period



#### Disclaimer

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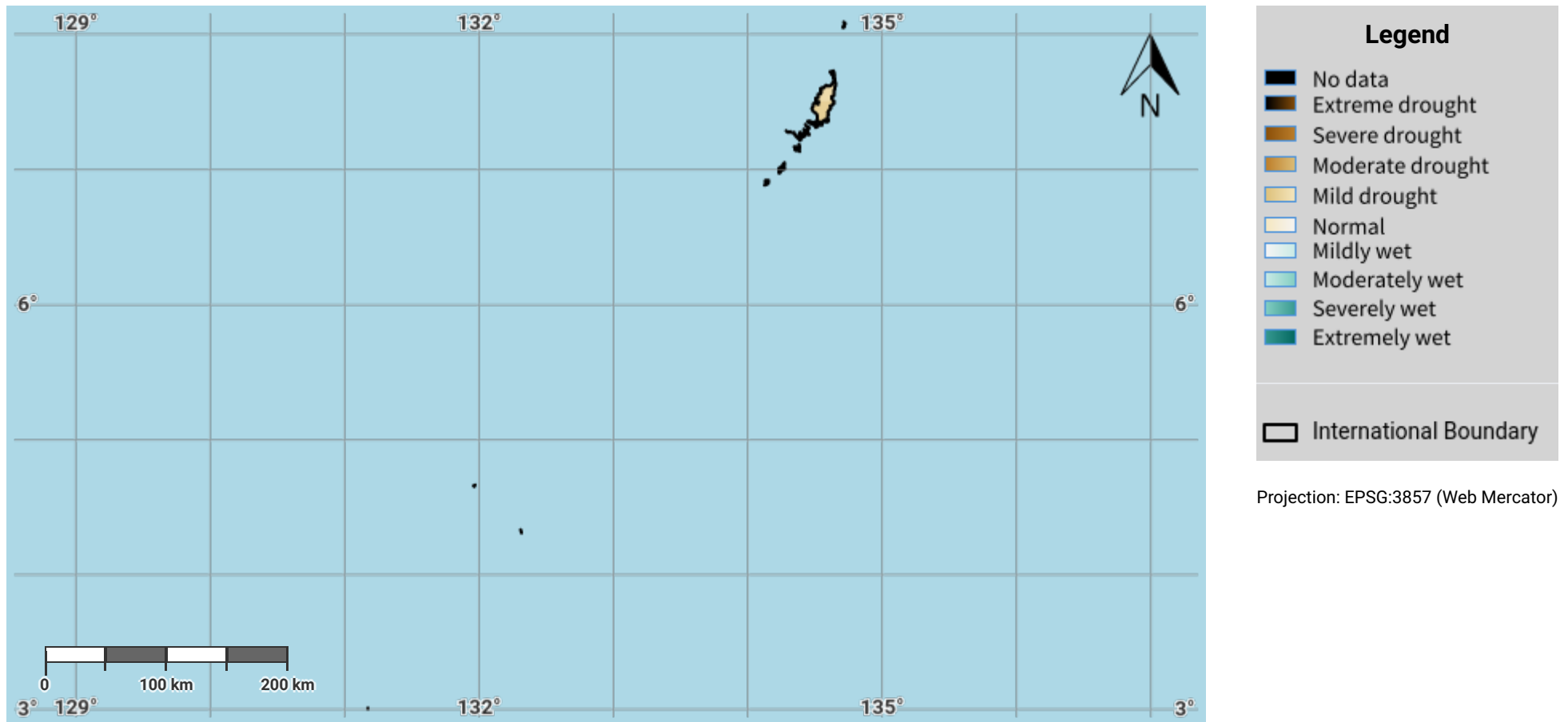
#### Source Data Credits

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- Global Precipitation Climatology Centre (GPCC) monthly precipitation products, 1982–present. URL: [https://opendata.dwd.de/climate\\_environment/GPCC/html/gpcc\\_monitoring\\_v6\\_doi\\_download.html](https://opendata.dwd.de/climate_environment/GPCC/html/gpcc_monitoring_v6_doi_download.html)



## Palau – S03-1.M5

### Drought hazard in the reporting period



#### Disclaimer

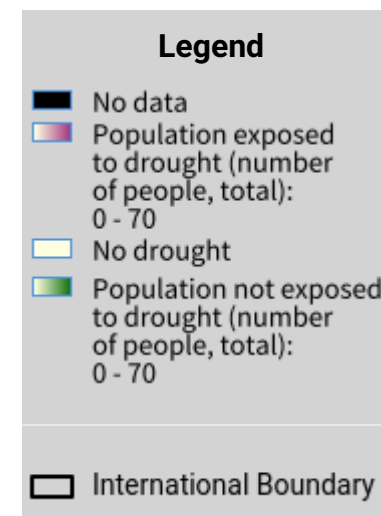
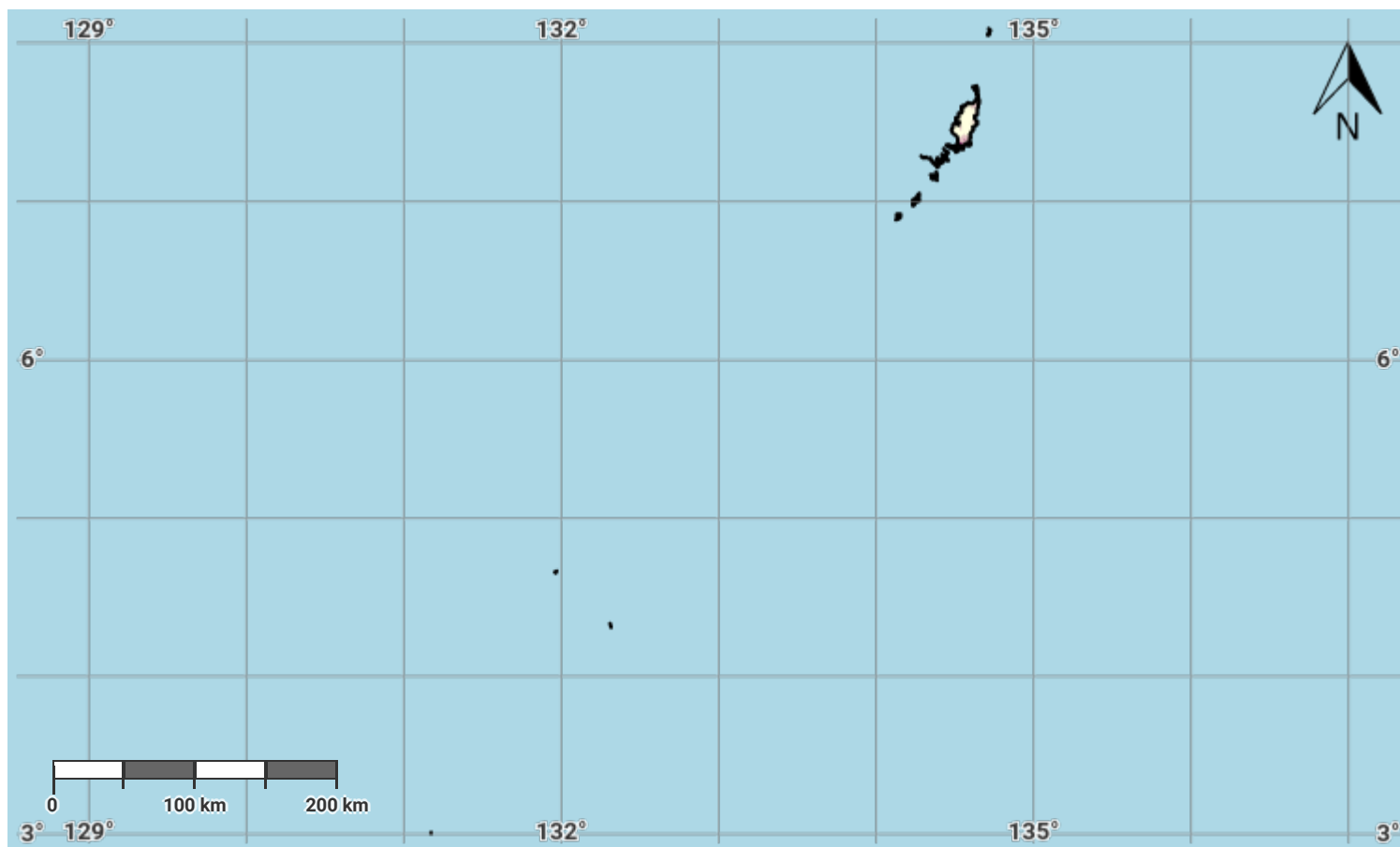
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## Palau – S03-2.M1

### Drought exposure in first epoch of baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

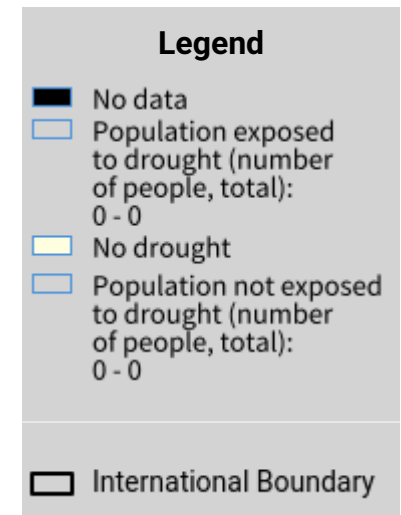
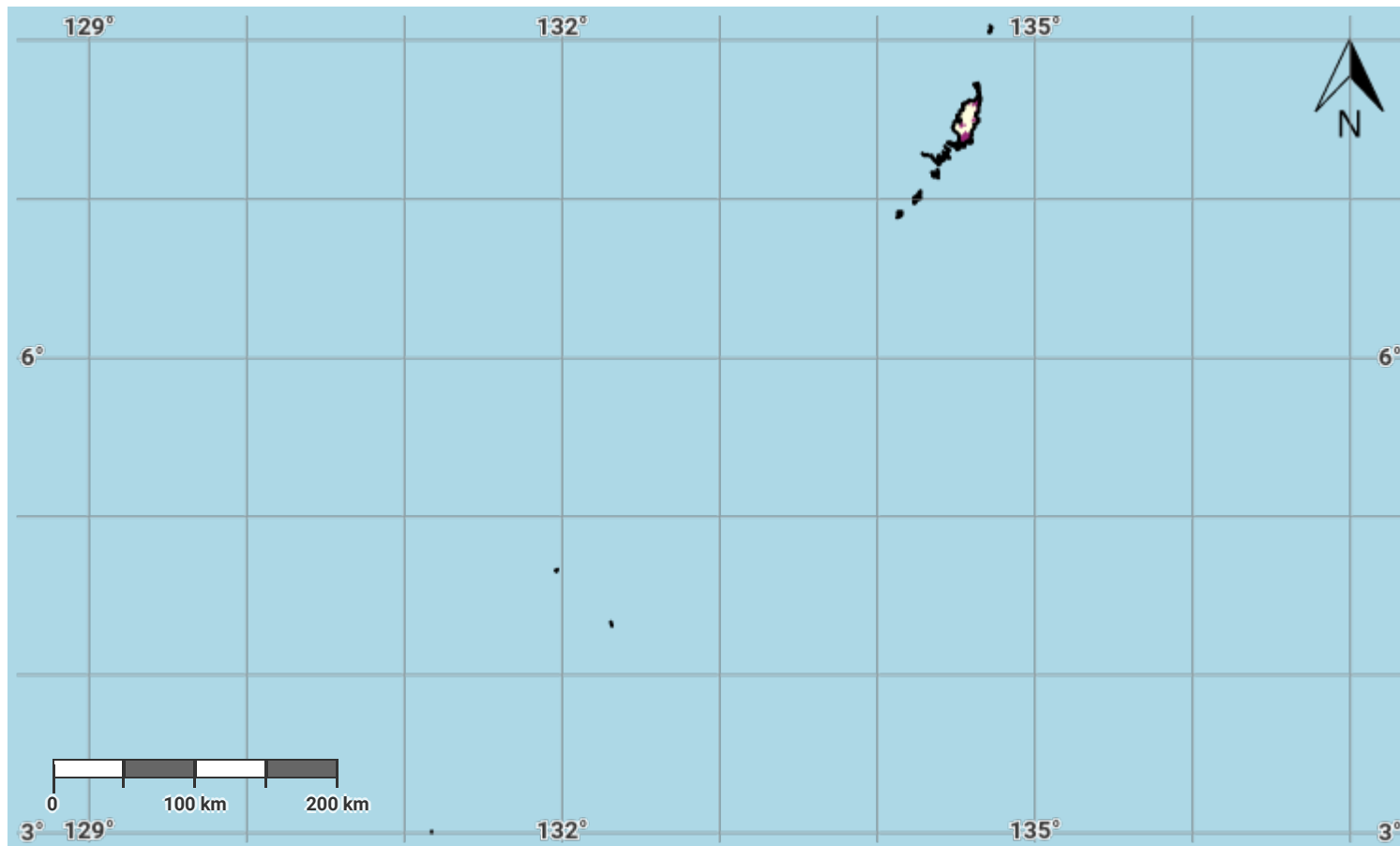
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## Palau – S03-2.M2

### Drought exposure in second epoch of baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

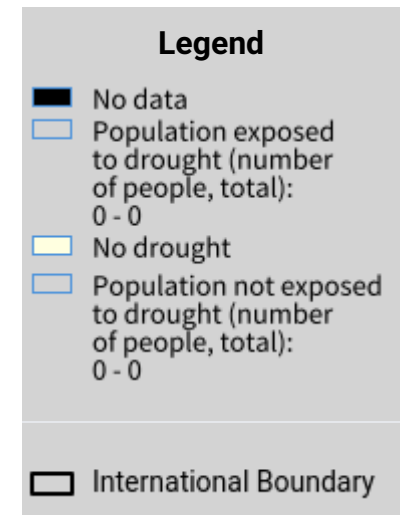
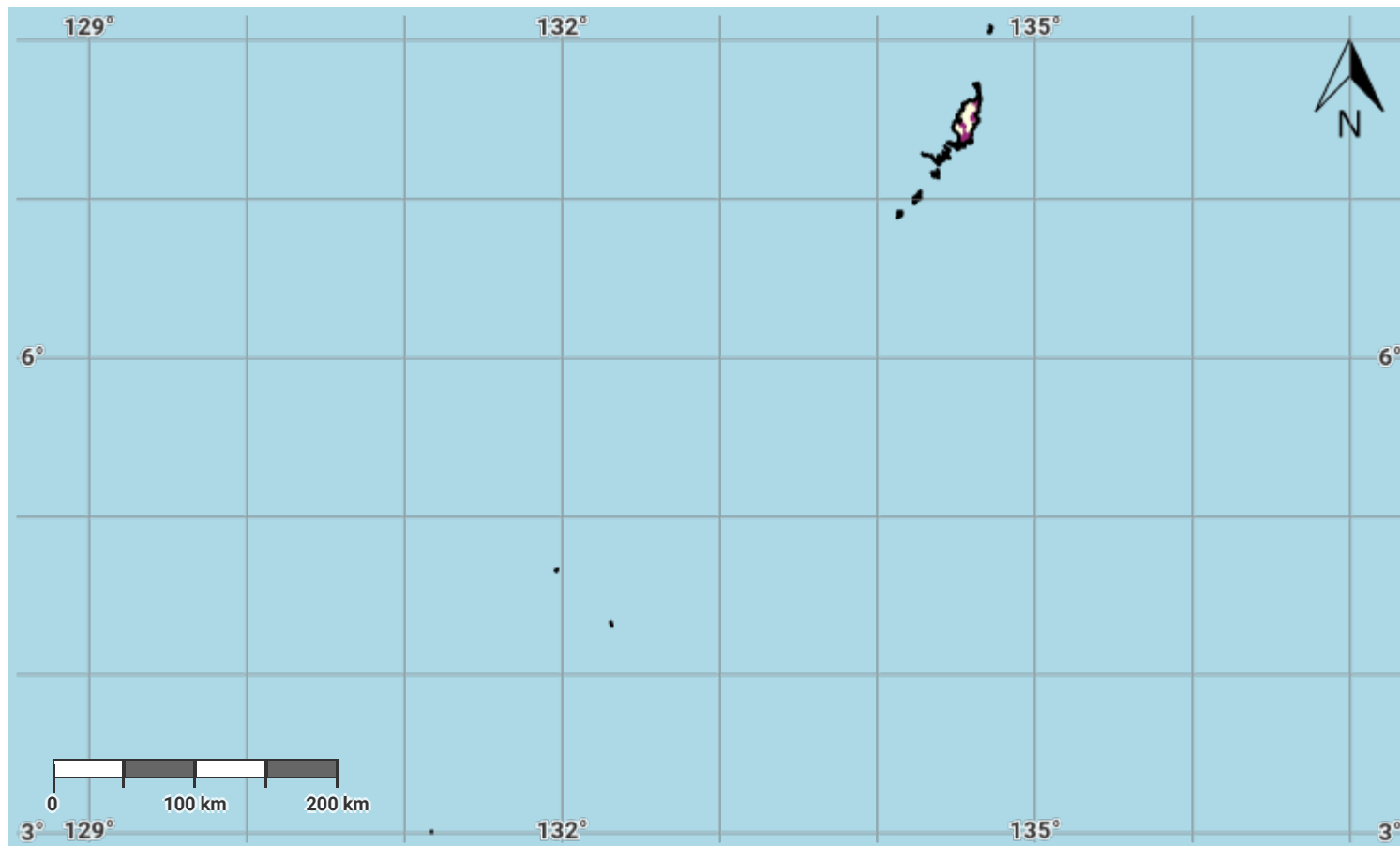
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## Palau – S03-2.M3

### Drought exposure in third epoch of baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

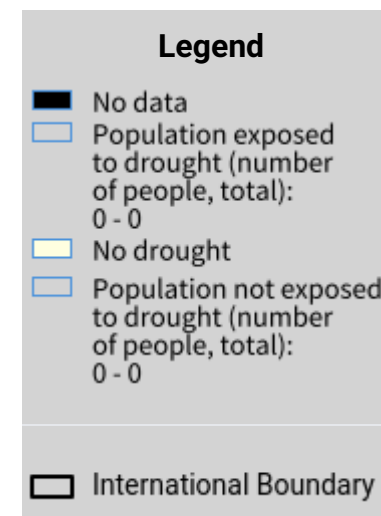
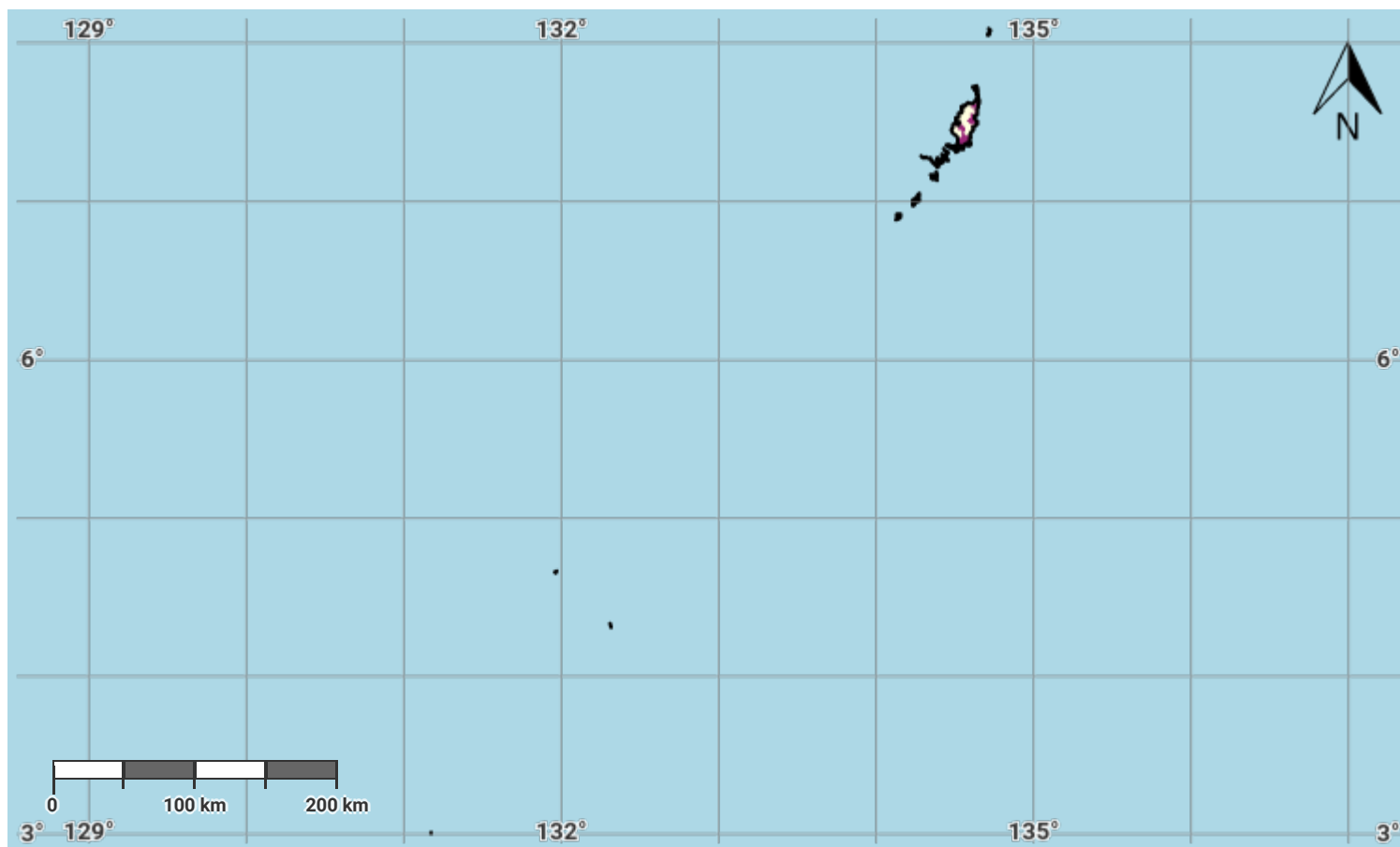
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## Palau – S03-2.M4

### Drought exposure in fourth epoch of baseline period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

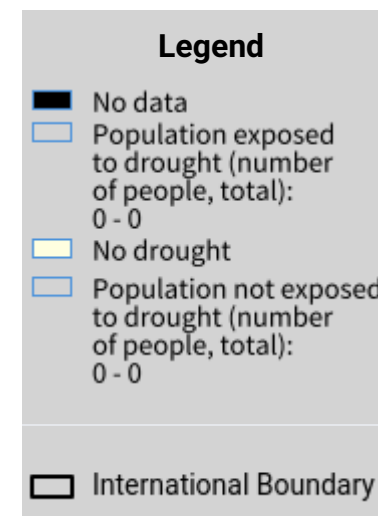
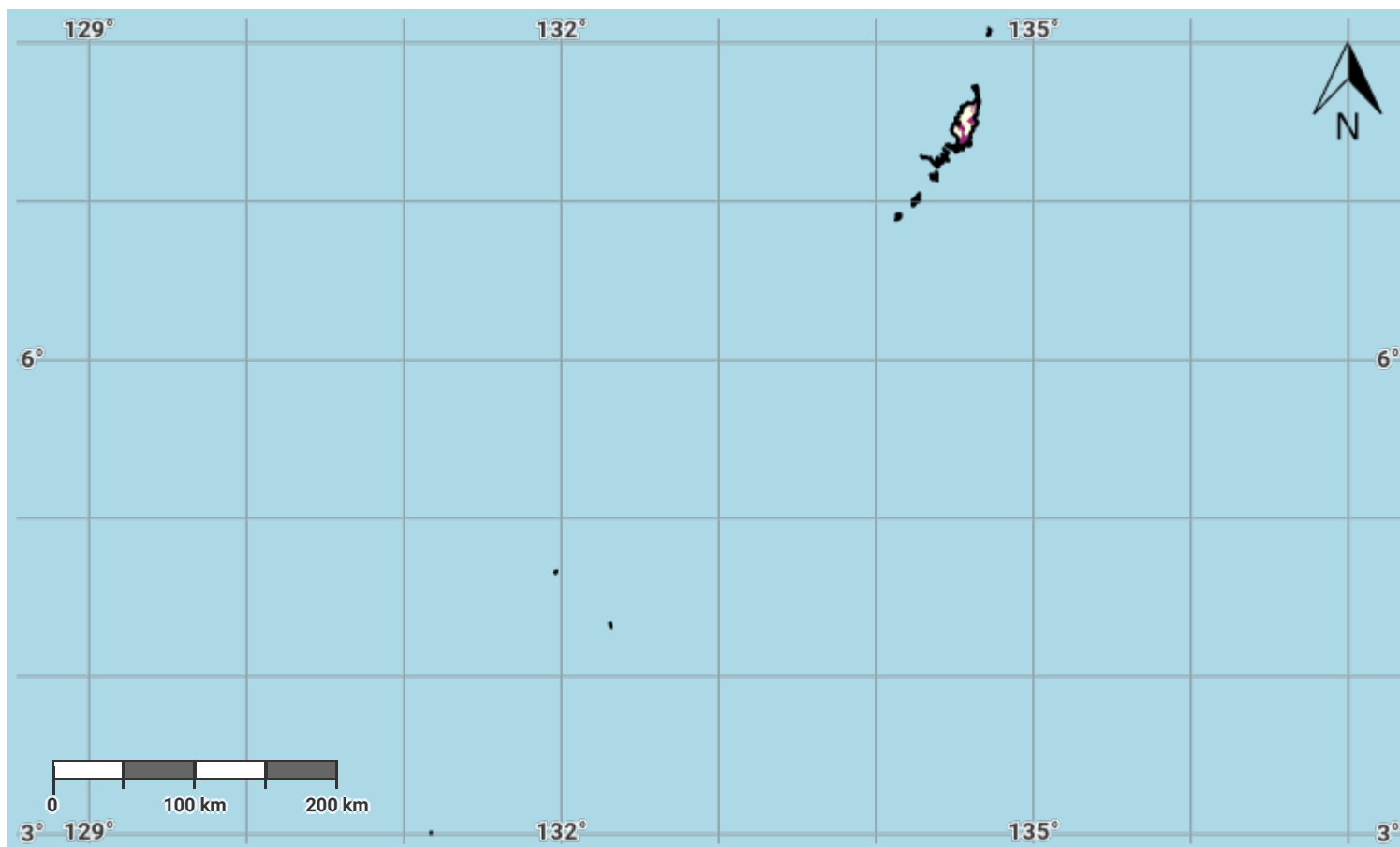
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## Palau – S03-2.M5

### Drought exposure in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

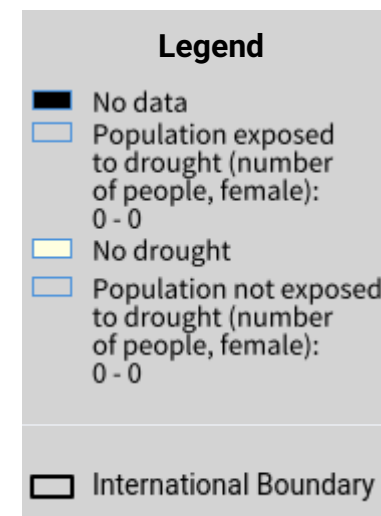
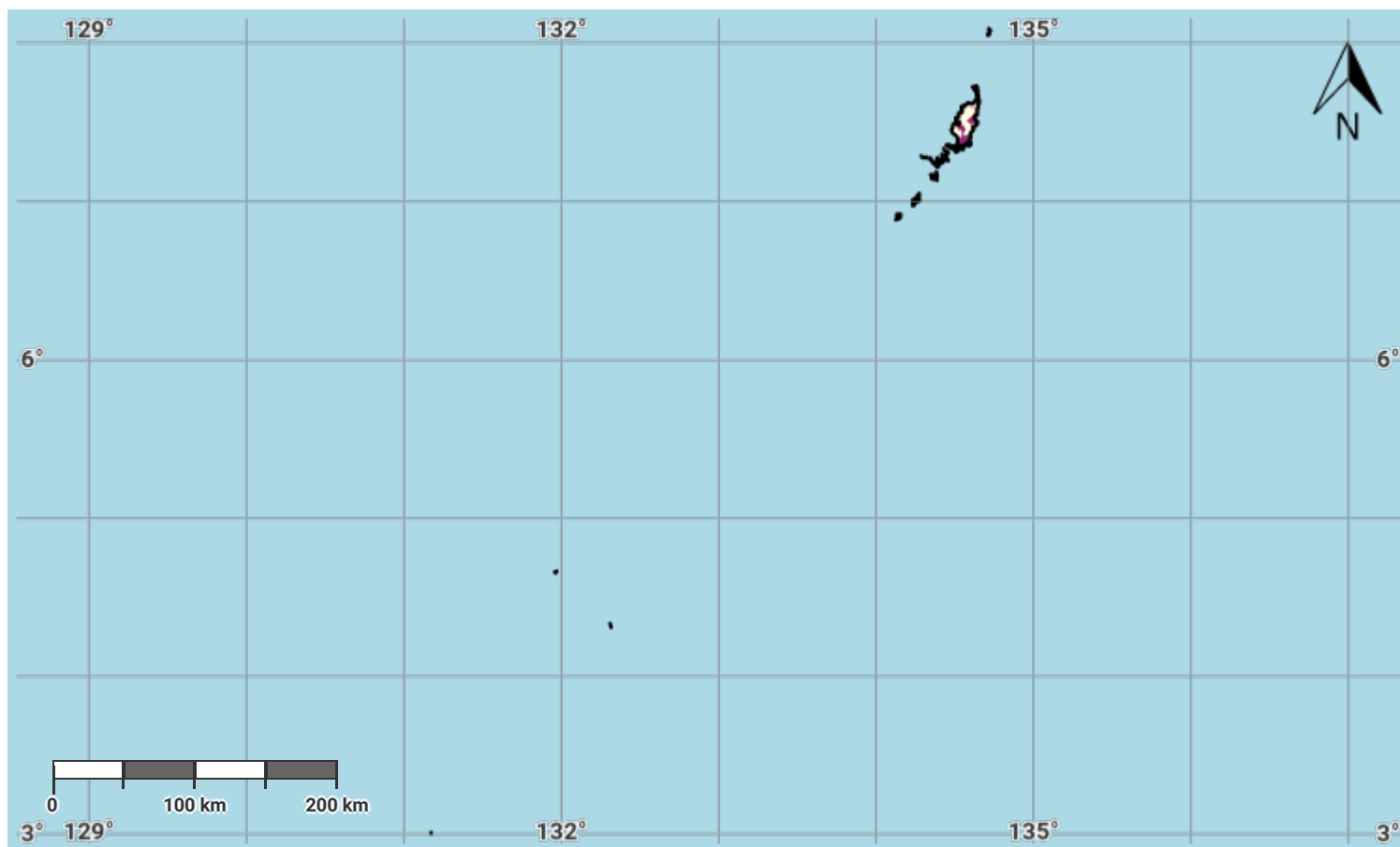
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## Palau – S03-2.M6

### Female drought exposure in the reporting period



Projection: EPSG:3857 (Web Mercator)

#### Disclaimer

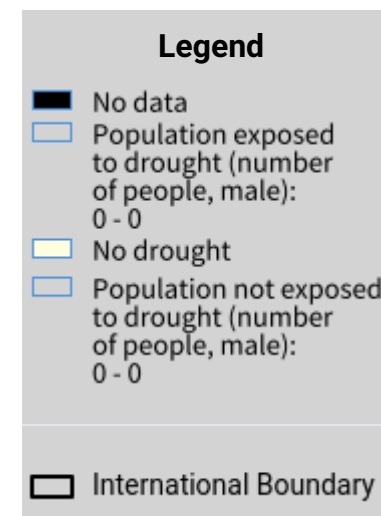
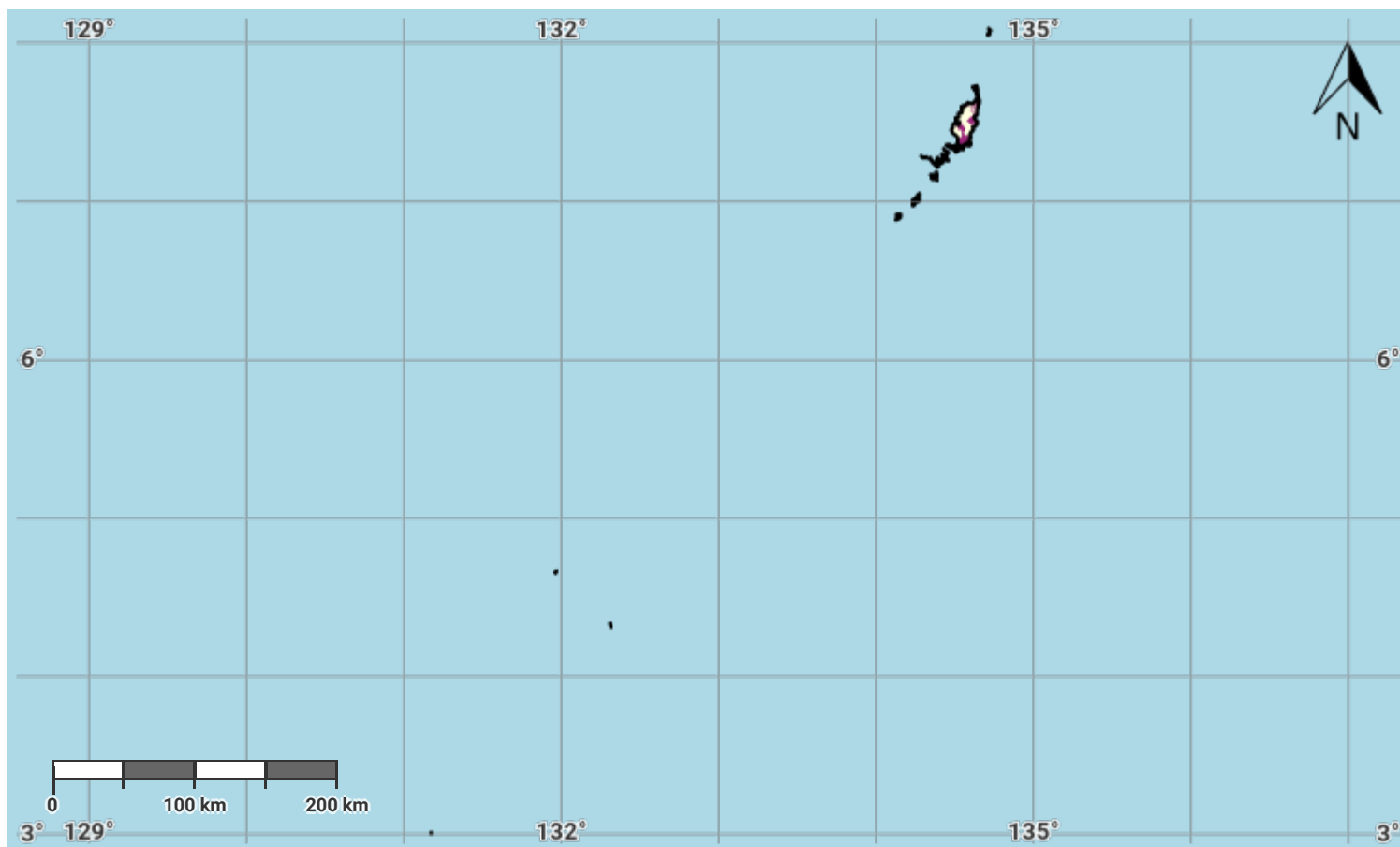
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- Global Precipitation Climatology Centre (GPCC) monthly precipitation products, 1982–present. URL: [https://opendata.dwd.de/climate\\_environment/GPCC/html/gpcc\\_monitoring\\_v6\\_doi\\_download.html](https://opendata.dwd.de/climate_environment/GPCC/html/gpcc_monitoring_v6_doi_download.html)

## Palau – S03-2.M7

### Male drought exposure in the reporting period



Projection: EPSG:3857 (Web Mercator)

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