PACIFIC RISK PROFILE
TUVALU

Basic Country Statistics

Maximum Height Above Sea-level
5 m
Pacific Community (SPC) at https://www.spc.int/our-members/

Land Area
26 km²
Pacific Community (SPC) at https://www.spc.int/our-members/

Per cent of Urban Population
57%
SPC Pocket Statistical Summary 2020 at https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020

Per cent of Coastal Population
100% People live within 1 km of the coast
100% People live within 5 km of the coast
100% People live within 10 km of the coast
SPC Statistics (Map) https://sdd.spc.int/mapping-coastal

Total Population
(2020 Estimate)
10,577 persons

Total Male & Female Population
(2020 Estimate)
Male
5,437 persons or 51.40%
Female
5,140 persons or 48.60%
SPC Statistics (Population) at https://sdd.spc.int/topic/population

Gross Domestic Product (GDP) per Capita
US$4,223 (2019)
SPC Pocket Statistical Summary 2020 at https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020

Disability Prevalence
1.9%
UNESCAP (2019) Disability at a Glance at https://www.unescap.org/publications/disability-glance-2019

Women's Labour Force Participation Rate
51%

Women's Share of Wage Employment in the Non-agriculture Sector
43.5%
ADB (2016) Gender Statistics for the Pacific and Timor-Leste at https://www.adb.org/publications/gender-statistics-pacific-and-timor-leste

Per cent of Children, Youth and Elderly
Children (<14) 32%
Youth (15-24) 17%
Elderly (60+) 11%

Population Density
408 persons/km²
SPC Pocket Statistical Summary 2020 at https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020

Pacific Risk Profile is a snapshot of climate and disaster risk information that is collected from credible open data sources. It is intended to provide DFAT program managers and implementing partners with easy access to essential risk information. When employing risk information in specific program contexts, however, it is strongly encouraged to study the original risk information sources or even undertake proper risk assessments.

For more information or other technical support, you may contact the Australia Pacific Climate Partnership Support Unit at **helpdesk@apclimatepartnership.com.au.**

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Hazard Likelihood

Landslide
Very Low Likelihood

Coastal Flood
High Likelihood

Wildfire
Very Low Likelihood

Tsunami
Medium Likelihood

Legend

- Very low
- Low
- Medium
- High

ThinkHazard! at https://thinkhazard.org/en/report/252-tuvalu

Major Disasters 2011-2020

Per cent of Disaster Type
(Major Disasters 2011-2020)

66%
Storm

34%
Drought

Total Population Affected

10,113
persons

Number of Major Cyclones in 2011-2020

2

EM-DAT Database (February 2021) at https://www.emdat.be/

Economic Loss Due to Disasters

Total Average Annual Losses (AAL)

US$1.68 million

UNESCAP (2020) The Disaster Riskscape across the Pacific Small Island Developing States at https://www.unescap.org/sites/default/d8files/IDD-APDR-Subreport-Pacific-SIDS.pdf

AAL as a Percentage of GDP

3.98%

UNESCAP (2020) The Disaster Riskscape across the Pacific Small Island Developing States

Risk Index

Climate Risk Index for 1999-2018

Between 1999 and 2018, Tuvalu was the 128th country most affected by extreme weather events .

Global Climate Risk Index 2020 at https://www.germanwatch.org/en/17307

INFORM Covid-19 Risk

Tuvalu's risk level is high when assessing the potential humanitarian impacts of Covid-19 in combination with other pre-existing crisis risks.

INFORM Covid-19 Warning (beta version) at https://drmkc.jrc.ec.europa.eu/inform-index/INFORM-Covid-19/INFORM-Covid-19-Warning-beta-version

Climate Projection

Cyclone

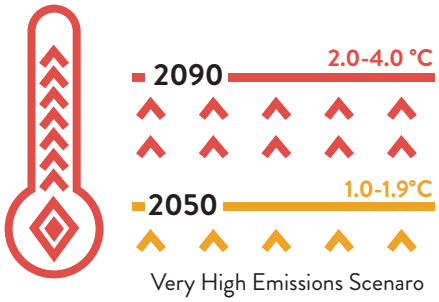
Tropical cyclones are projected to be less frequent but more intense.

Rainfall

Wet and dry years will still occur as a result of natural variability. Extreme rainfall events are projected to become more frequent and more intense.

Temperature

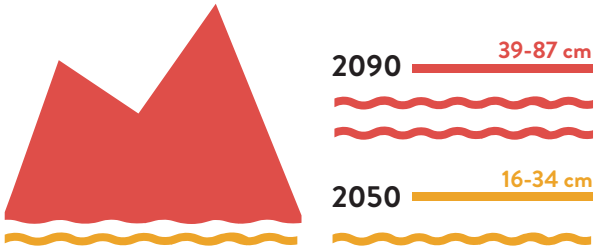
Annual mean temperatures and extremely high daily temperatures will continue to rise.



Very High Emissions Scenaro

Sea-level Rise

Sea level is expected to continue to rise



Very High Emissions Scenaro

Ocean Acidification

Ocean acidification is expected to continue.

Coral Bleaching Risk

The risk of coral bleaching is expected to increase.

El Niño / La Niña

El Niño and La Niña events will continue to occur in the future.

In Funafuti, **El Niño** events tend to **bring wetter, warmer conditions** than normal, while **La Niña** events usually **bring drier, cooler than normal conditions.**

PACCSAP Country Brochures at https://www.pacificclimatechangescience.org/wp-content/uploads/2013/06/4_PACCSAP-Tuvalu-10pp_WEB.pdf