



## FIBRASHOP REPORTS THE RESULTS OF THE CLIMATE CHANGE RISK ASSESSMENT UNDER THE TCFD METHODOLOGY

**Mexico City, July 19, 2021---** FibraShop (FSHOP) (BMV: FSHOP13), CI Banco S.A. Institución de Banca Múltiple Fideicomiso Irrevocable Número F/00854, a real estate investment trust specializing in shopping malls, reports the results of the climate change risk assessment under the TCFD methodology ("Task Force on Climate-Related Financial Disclosures") at three of its properties: Kukulcán Plaza located in Cancún, Quintana Roo, Plaza Puerta La Victoria located in Santiago de Querétaro, and Plaza Puerto Paraíso, located in Los Cabos, Baja California Sur.

The study performed in these three regions comprise the first analysis of the impacts and consequences that climate change might have on our operations. Based on the results of these three properties, and on the four recommendations made by the TCFD, we will begin to develop an environmental strategy that takes into account the risks and opportunities arising from climate change; we will subsequently extend the assessment to our other properties, and we will report the results every year in our Annual Sustainability Report.

FibraShop maintains its commitment to continue moving forward with its ESG project, seeking to attain the highest international standards under the guidance of independent experts, and with a strong commitment to transparency.

## **ABOUT FIBRA SHOP**

FibraShop (BMV: FSHOP 13), is a unique real estate investment option in Mexico, due to its specialization, its management team with vast experience in the commercial real estate sector, and its solid operating structure and corporate governance, which together ensure transparency, efficiency, and safe and profitable growth.

FibraShop is an infrastructure and real estate trust that was formed principally to acquire, own, administer, and develop real estate properties in shopping centers in Mexico. Fibra Shop is administered by industry specialists with extensive experience, and it is advised externally by Fibra Shop Portafolios Inmobiliarios S.C.

Our objective is to provide attractive returns to our investors who hold CBFIs by means of stable distributions and capital appreciation.

## **FORWARD-LOOKING STATEMENTS**

This communication may include forward-looking statements. Such statements are not based on historical facts, but on management's current vision. The reader is advised that such statements or estimates imply risks and uncertainties that may change as a function of various factors that are outside of the Company's control.

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## Evaluation of the physical hazards of climate change

Physical climate risks at three FibraShop properties

June 2021

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# Climate hazards and scenarios



# TCFD

The Financial Stability Board (FSB) established the Task Force on Climate-related Financial Disclosures (TCFD) methodology in order to prepare recommendations for more efficient disclosure on climate-related information. Four recommendations were made regarding financial disclosure related to climate change, which apply to organizations in all sectors and jurisdictions:

Governance

Strategy

Risk Management

Metrics and Objectives

We recently conducted a climate change risk study at FibraShop in three key regions where we own properties:

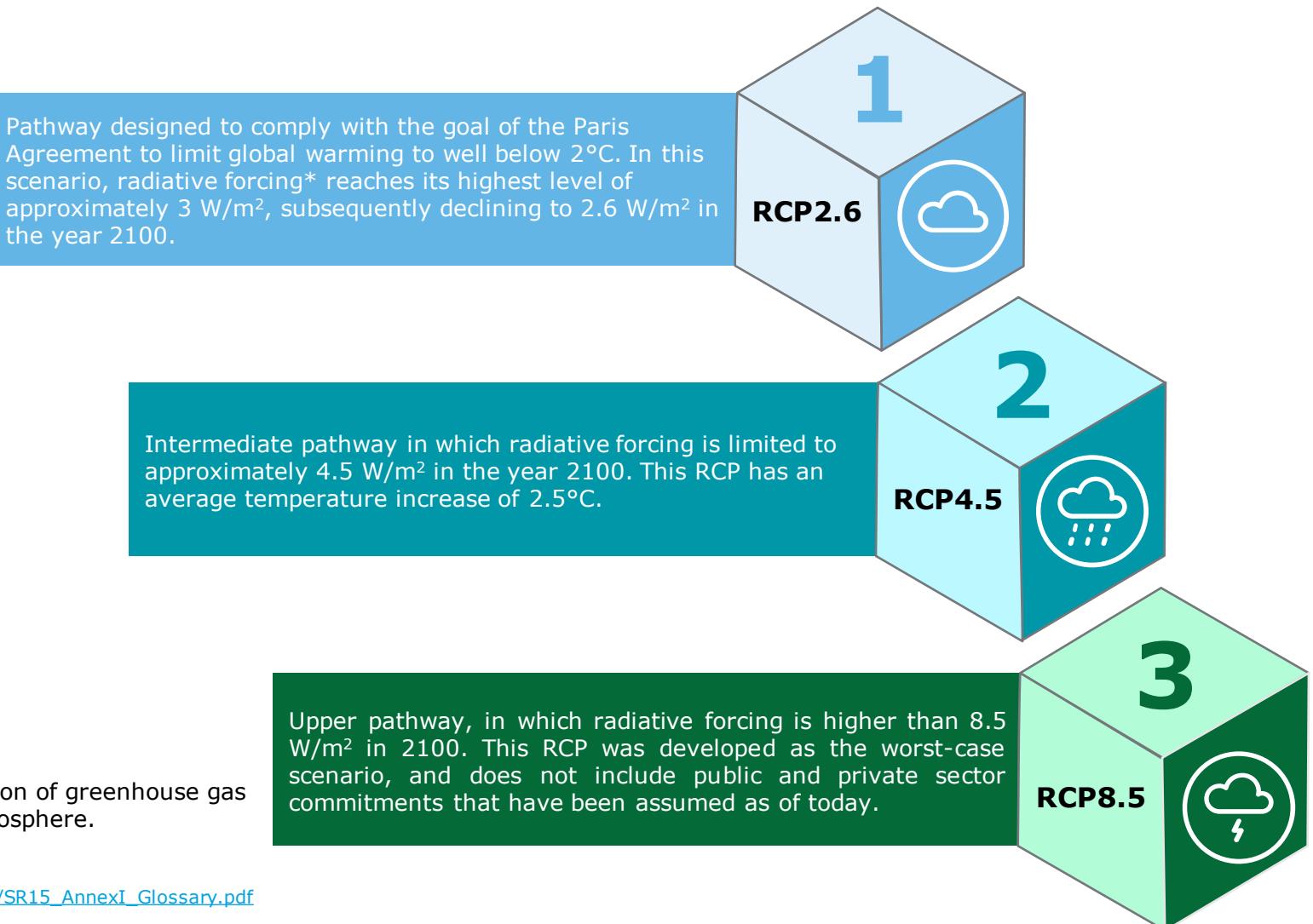
- Baja California Sur—Puerto Paraíso
- Quintana Roo—Kukulcán Plaza
- Querétaro—Puerta la Victoria

This study is the first analysis of the impacts and consequences that climate change might have on FibraShop's operations. Based on the results of these three properties (the remaining properties will be analyzed later), and on the four recommendations made by the TCFD, FibraShop will be creating an environmental strategy considering the risks and opportunities arising from climate change, which results will subsequently be reported year-over-year in FibraShop's Annual Sustainability Report.

# RCPs and their definitions

The study of climate change-related risks consisted of analyzing the impacts of eight climate risks, both acute and chronic, considering as scenarios the three Representative Concentration Pathways (RPC) defined by the Intergovernmental Panel on Climate Change (IPCC) to 2030, 2050 and 2100.

These pathways describe different climate scenarios depending on the concentration of Greenhouse Gas (GHG) emissions. The RCPs used throughout this study were the following:



\*Means the variation, stated in W/m<sup>2</sup>, of the concentration of greenhouse gas emissions or solar radiation in the upper part of the atmosphere.

# Climate scenarios considered

The analysis is based on three scenarios for three different time periods: 2030, 2050, and 2100

Climate scenarios considered					
Climate hazards		Sources		RCP Scenarios	Years - Projection
Acute	Tropical Cyclone	Tropical Cyclone zones (with 100-year return period)		4.5, 8.5	2050, 2100
	River Flood	River flood zones (with 100- and 500-year return periods)		4.5, 8.5	2050, 2100
Chronic	Sea-Level Rise	Sea-Level Rise zones (projection only)		2.6, 4.5, 8.5	2100
	Heat Stress	Heat Stress Index based on high-temperature indicators		2.6, 4.5, 8.5	2030, 2050, 2100
	Precipitation Stress	Precipitation Stress Index based on heavy-precipitation indicators		2.6, 4.5, 8.5	2030, 2050, 2100
	Fire Stress	Climatological index for flora and fauna hazard.		2.6, 4.5, 8.5	2030, 2050, 2100
	Drought Stress	Drought Stress Index based on the Standardized Precipitation and Evapotranspiration Index (SPEI)		2.6, 4.5, 8.5	2030, 2050, 2100

# Climate risks considered

Three acute and five chronic climate hazards were considered

## Acute

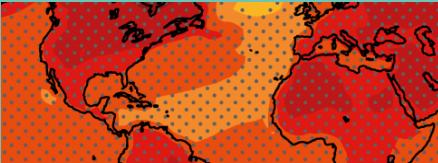


Tropical cyclone



River flooding (with and without defense)

Probable maximum intensity with an exceedance probability of 10% in ten years (equal to a "return period" of 100 years). Current, and for the respective projection year and RCP scenario.



Heat stress



Fires



Precipitation-related stress

## Chronic

The Precipitation Stress Index describes the current meteorological threat from heavy precipitation, which is obtained from information on, for example: one-day events, heavy precipitation events, and prolonged events. The runoff parameter calculation is based on data from the ERA5 ECMWF atmospheric re-analysis for the timeframe from 1986-2005. Projected Precipitation Stress Index for the respective projection year and RCP scenario, derived from the available CORDEX and CMIP5 climate models.



Rising sea levels



Drought stress

## Chronic

The Heat Stress Index describes the current meteorological threat due to heat stress, derived from information on heat waves, maximum annual temperature, or maximum temperature on tropical nights. Calculation of the current parameter is based on data from the atmospheric re-analysis performed by ERA5 ECMWF for the timeframe from 1986-2005. Projected Heat Stress Index for the respective projection year and RCP scenario, derived from the available information from the CORDEX and CMIP5 climate models.

The Fire Stress Index describes the current meteorological fire conditions based on fire hazard modeling, which is the Fire Weather Index (FWI). The FWI combines the probability of ignition and the likelihood of propagation, and the availability of fuel in a combined metric. The Fire Stress Index includes information on, for example, the duration of the fire season and the days of extreme fire danger. Calculating the current parameter is based on data from the re-analysis performed by ERA5 ECMWF for the timeframe from 1986-2005. The projected meteorological stress index from fires for the respective projection year and RCP scenario, is derived from the available information from the CORDEX and CMIP5 climate models.

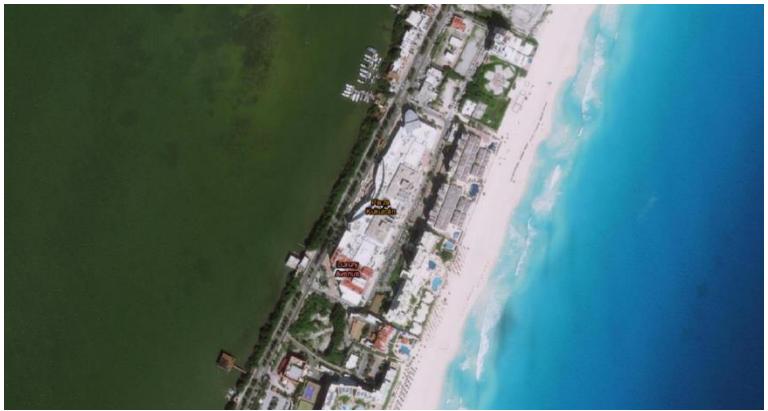
Hazard zones taken from IPCC sea-level rise data and high-resolution elevation data for the respective projection year and RCP scenario. The model is based on events with a 100-years return.

The Drought Stress Index for the respective projection year and RCP scenario describes the change in water balance (precipitation minus potential evapotranspiration) derived from the modeled Standardized Precipitation-Evapotranspiration Index (SPEI). The SPEI is a multi-scale drought index based on climate data that is used to determine the duration, intensity, and gravity of the drought conditions with respect to normal conditions during the reference period (1986-2005). The Drought Stress Index includes information from local climate models (CORDEX) and global climate models (CMIP5).

# Results



# Kukulcán Plaza



**Location** MEX

**Longitude/Latitude** -86.7653E, 21.1023N

**Altitude** 19m

**Distance from the coast** 186m

## Tropical Cyclone

**Current**



Zone 4: 252 - 299 km/h

**RCP 4.5, 2050**



Zone 4: 252 - 299 km/h

**RCP 4.5, 2100**



Zone 5: ≥ 300 km/h

**RCP 8.5, 2050**



Zone 5: ≥ 300 km/h

## River Flood (undefended)

**Current**



Zone 0: minimum risk

**RCP 4.5, 2050**



Zone 0: minimum risk

**RCP 4.5, 2100**



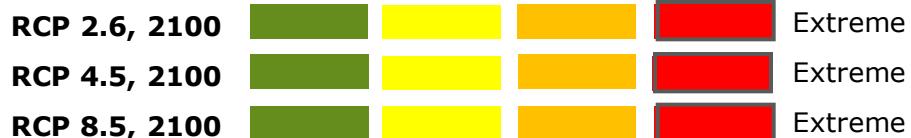
Zone 0: minimum risk

**RCP 8.5, 2050**



Zone 0: minimum risk

## Sea-level rise



## River Flood (defended)

**Current**



Zone 0: minimum risk

**RCP 4.5, 2050**



Zone 0: minimum risk

**RCP 4.5, 2100**



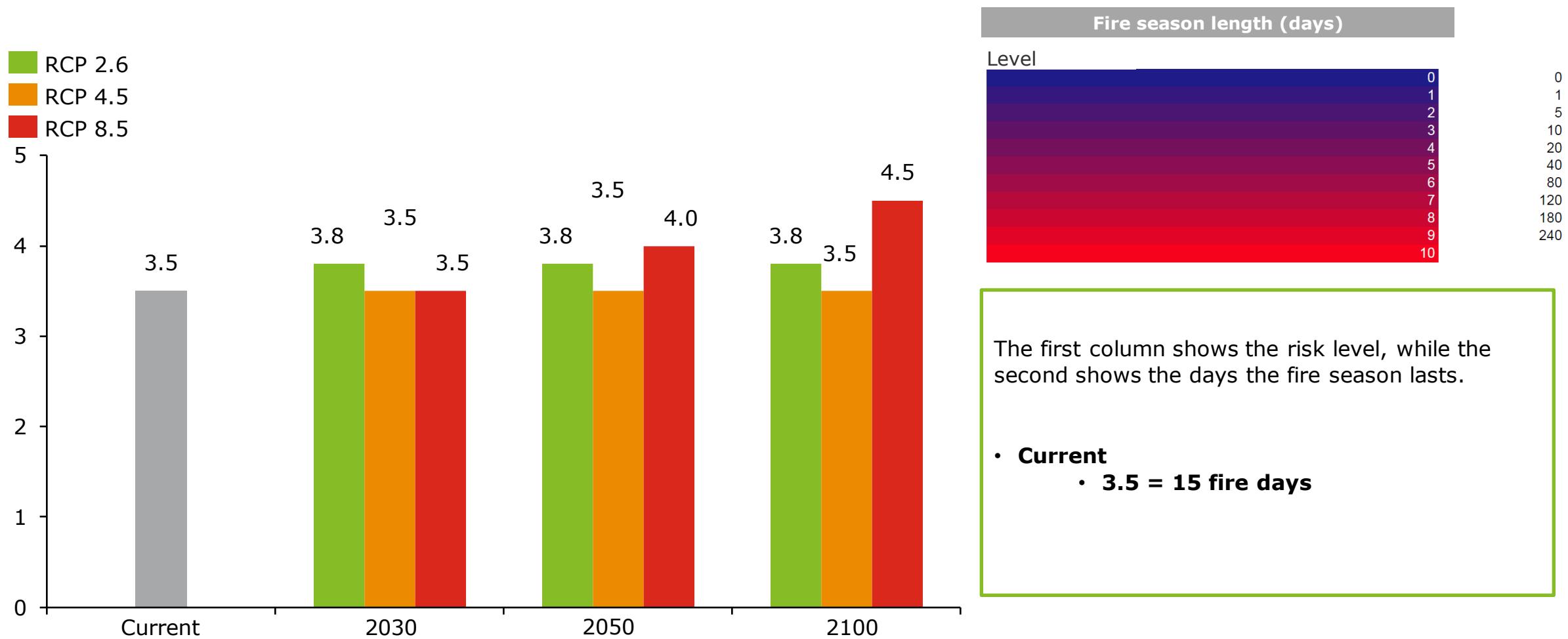
Zone 0: minimum risk

**RCP 8.5, 2050**

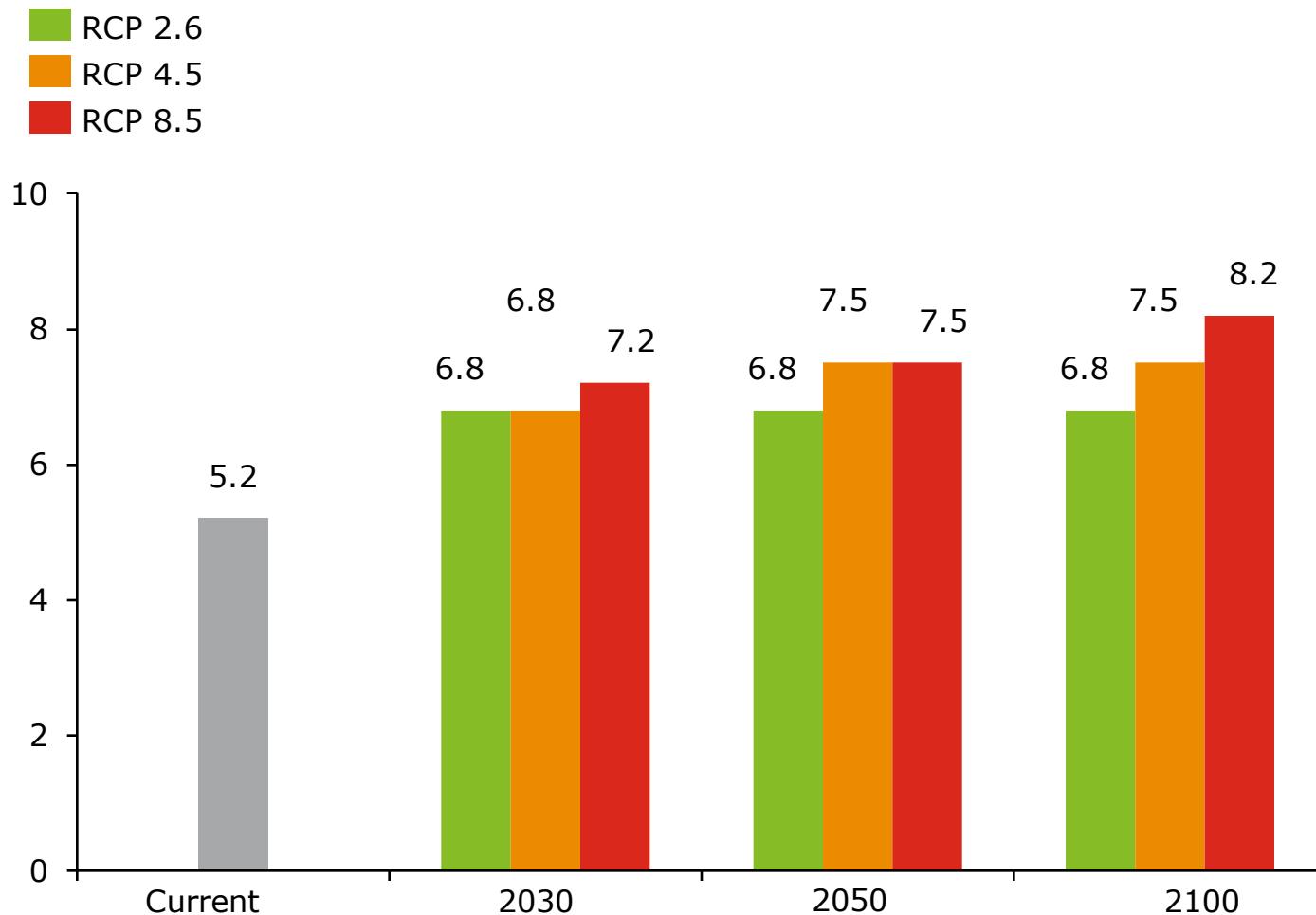


Zone 0: minimum risk

# Kukulcán Plaza – Fire Stress Index



# Kukulcán Plaza – Heat Stress Index



The first column shows risk levels, while the second shows the days of heatwave and the maximum annual temperature.

- **Current**
  - **5.2 = 40 days with heatwave**

# Kukulcán Plaza – Fire Stress Index

**2030**

Scenario	Level	Risk level	Days
RCP 2.6	3.8	Low	15-20
RCP 4.5	3.5	Low	15
RCP 8.5	3.5	Low	15



**2050**

Scenario	Level	Risk level	Days
RCP 2.6	3.8	Low	15-20
RCP 4.5	3.5	Low	15
RCP 8.5	4.0	Low	20

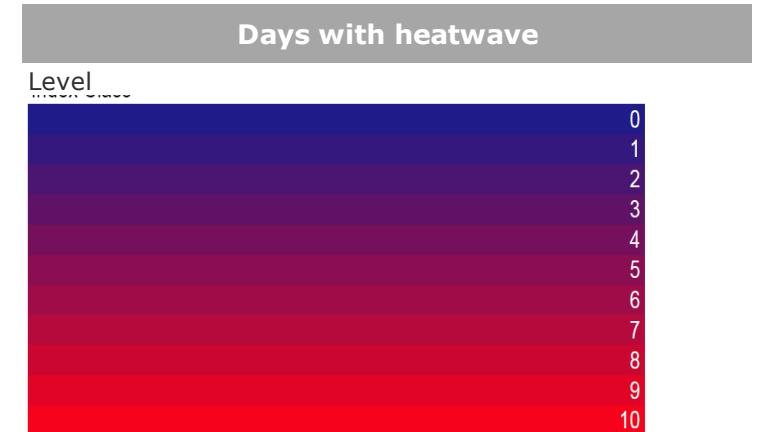
**2100**

Scenario	Level	Risk level	Days
RCP 2.6	3.8	Low	15-20
RCP 4.5	3.5	Low	15
RCP 8.5	4.5	Average	30

# Kukulcán Plaza – Heat Stress Index

**2030**

Scenario	Level	Risk level	Days with heatwave
RCP 2.6	6.8	High	100-120
RCP 4.5	6.5	High	100
RCP 8.5	7.2	High	120-130



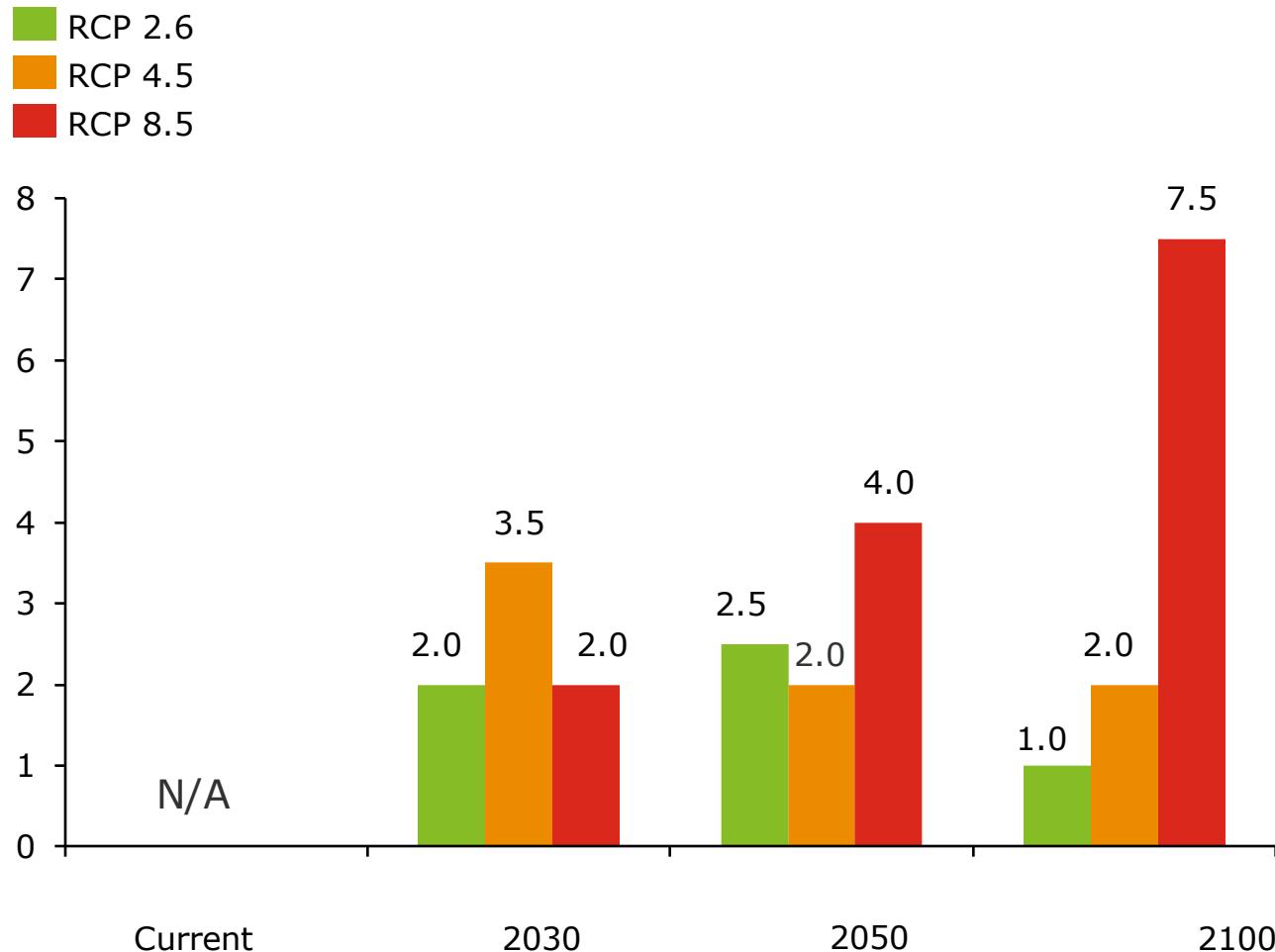
**2050**

Scenario	Level	Risk level	Days with heatwave
RCP 2.6	6.8	High	100-120
RCP 4.5	7.5	High	150-160
RCP 8.5	7.5	High	150-160

**2100**

Scenario	Level	Risk level	Days with heatwave
RCP 2.6	6.8	High	100-120
RCP 4.5	7.5	High	150-160
RCP 8.5	8.2	Extreme	180

# Kukulcán Plaza – Drought Stress Index



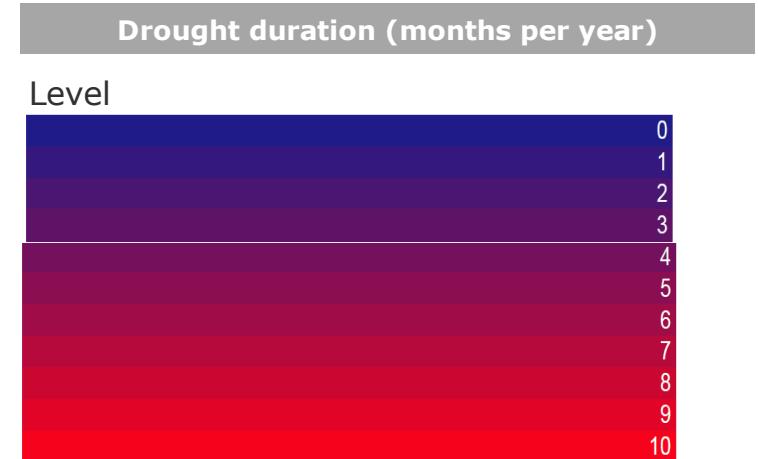
The first column shows the risk levels, while the second shows the number of months during the year that the drought lasts.

- **Current**
- **N/A**

# Kukulcán Plaza – Drought Stress Index

**2030**

Scenario	Level	Risk level	Months
RCP 2.6	2.0	Minimal	2
RCP 4.5	3.5	Low	2.5-3
RCP 8.5	2.0	Minimal	2



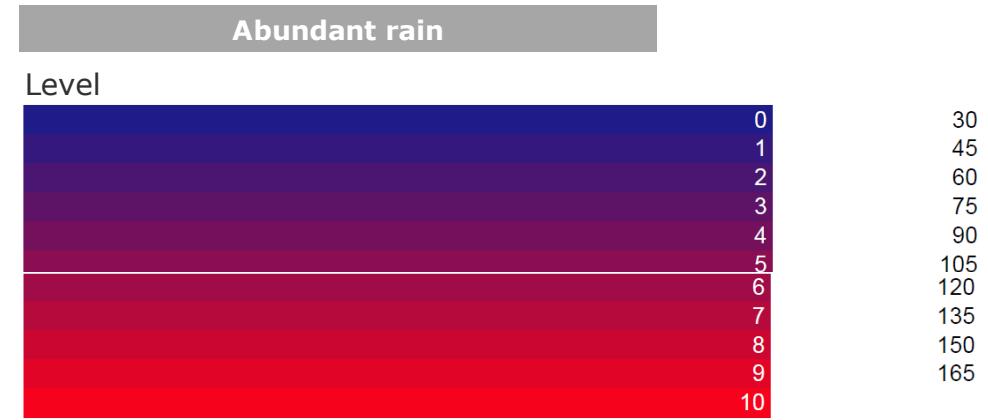
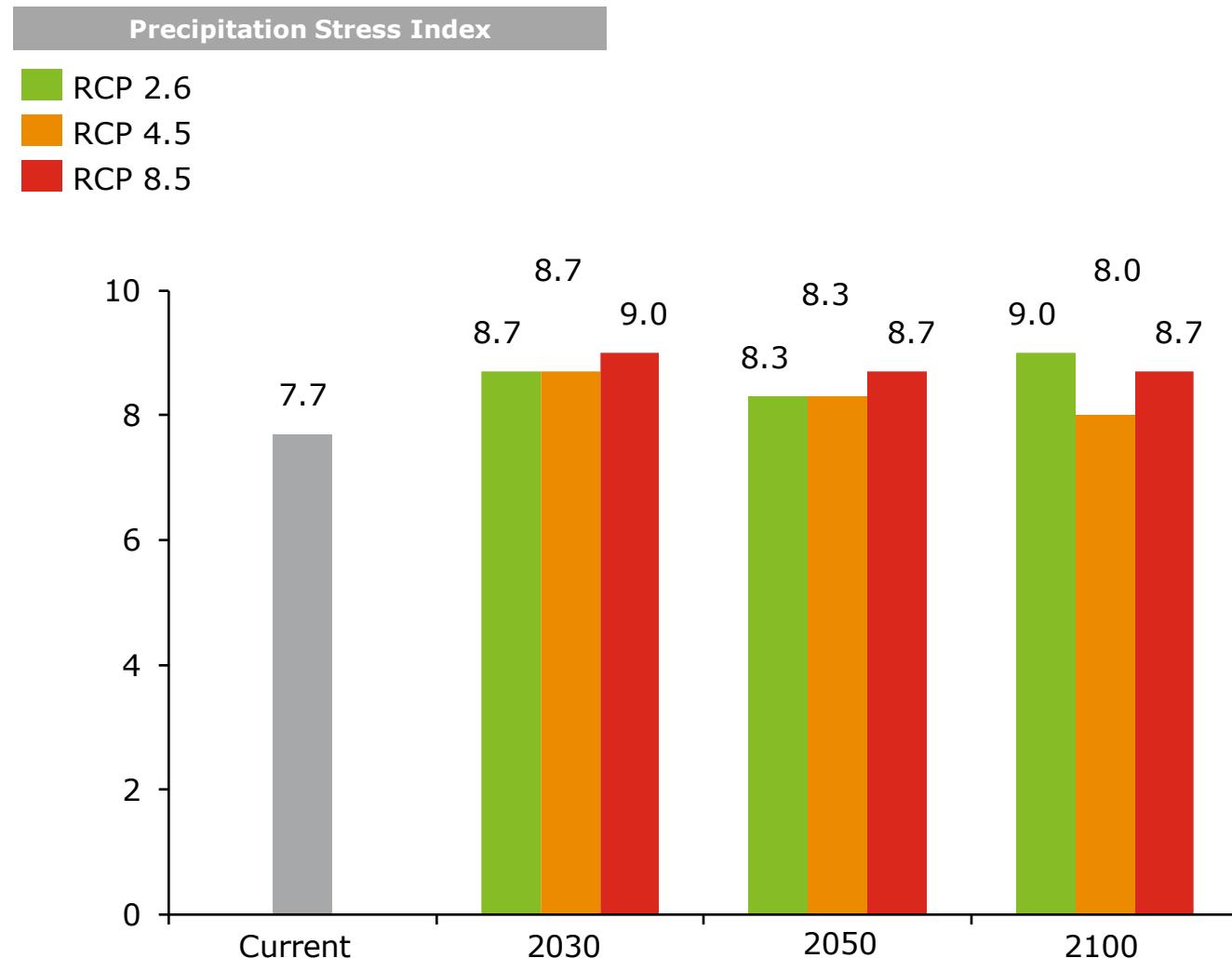
**2050**

Scenario	Level	Risk level	Months
RCP 2.6	2.5	Low	2-2.5
RCP 4.5	2.0	Minimal	2
RCP 8.5	4.0	Low	3

**2100**

Scenario	Level	Risk level	Months
RCP 2.6	1.0	Minimal	1.5
RCP 4.5	2.0	Minimal	2
RCP 8.5	7.5	High	5-6

# Kukulcán Plaza – Precipitation Stress Index



The first column shows the risk levels, while the second shows the number of days there will be abundant rain.

- **Current**
  - **7.7 = 140-150 days of abundant rain**

# Kukulcán Plaza – Precipitation Stress Index

**2030**

Scenario	Level	Risk level	Days
RCP 2.6	8.7	Extreme	155-165
RCP 4.5	8.7	Extreme	155-165
RCP 8.5	9.0	Extreme	165

**2050**

Scenario	Level	Risk level	Days
RCP 2.6	8.3	Extreme	150-160
RCP 4.5	8.3	Extreme	150-160
RCP 8.5	8.7	Extreme	155-165

**2100**

Scenario	Level	Risk level	Days
RCP 2.6	9.0	Extreme	165
RCP 4.5	8.0	High	150
RCP 8.5	8.7	Extreme	155-165

## Abundant rain

Level



# Puerta la Victoria

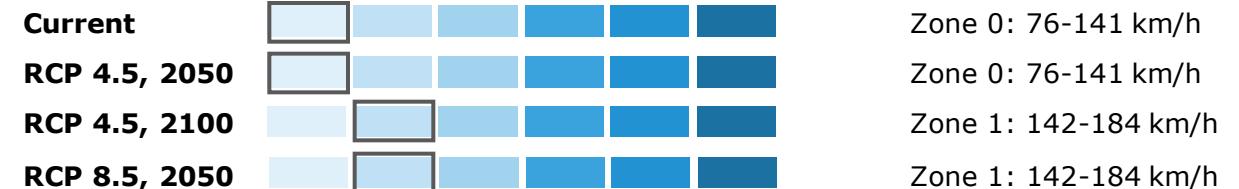


**Location** MEX  
**Longitude/Latitude** -100.3814E, 20.5861N  
**Altitude** 1,829m  
**Distance to the coast** >50 km

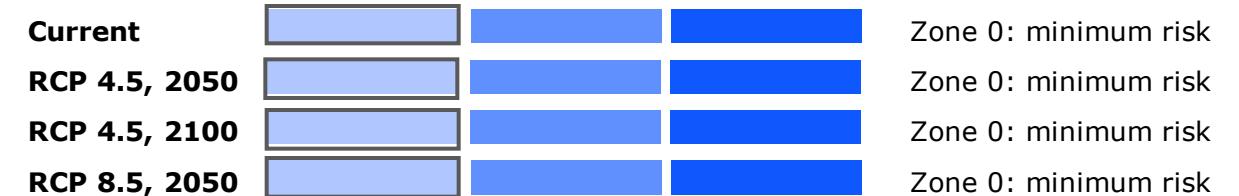
## Sea-level rise



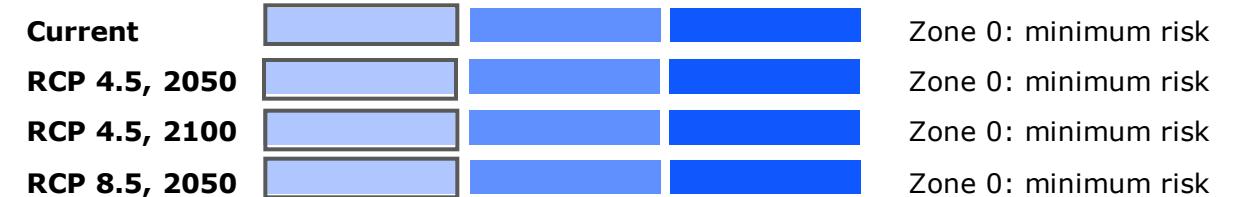
## Tropical Cyclone



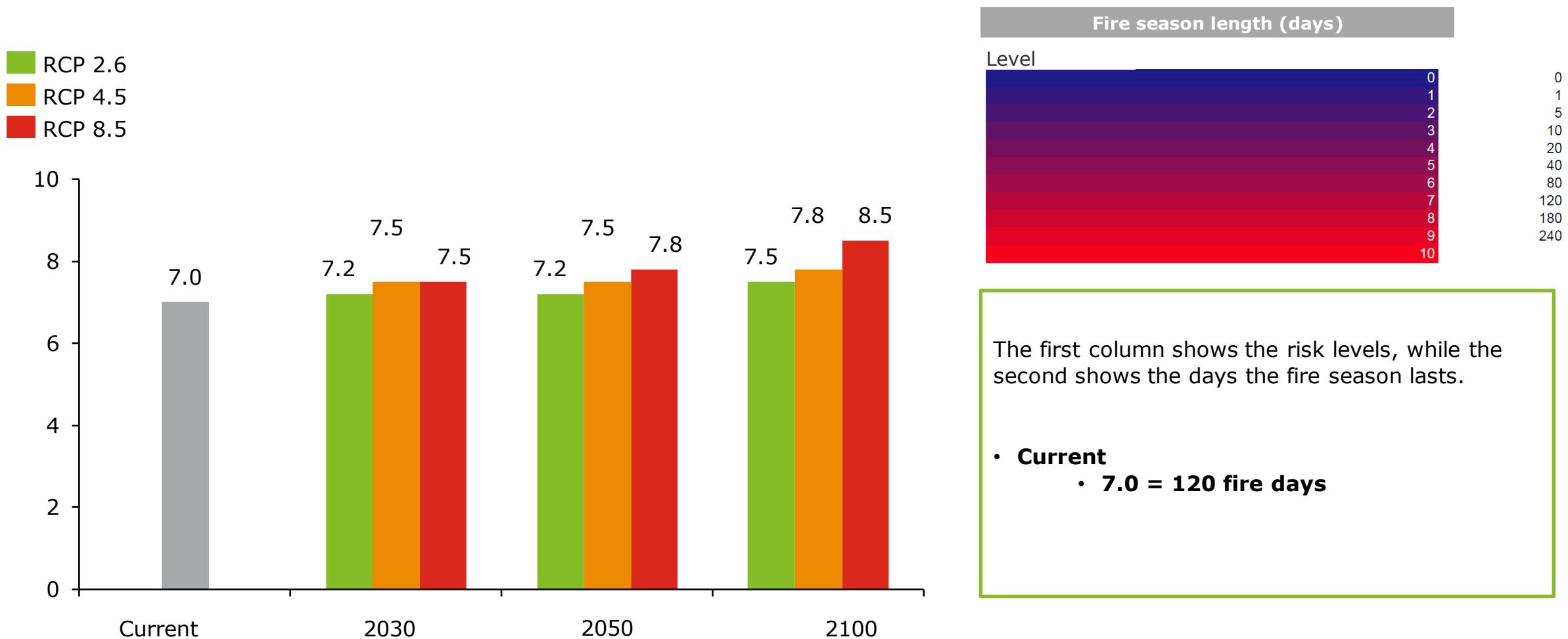
## River Flood (undefended)



## River Flood (defended)



# Puerta la Victoria – Fire Stress Index



# Puerta la Victoria – Fire Stress Index

**2030**

Scenario	Level	Risk level	Days
RCP 2.6	7.2	High	120-130
RCP 4.5	7.5	High	150
RCP 8.5	7.5	High	150

**2050**

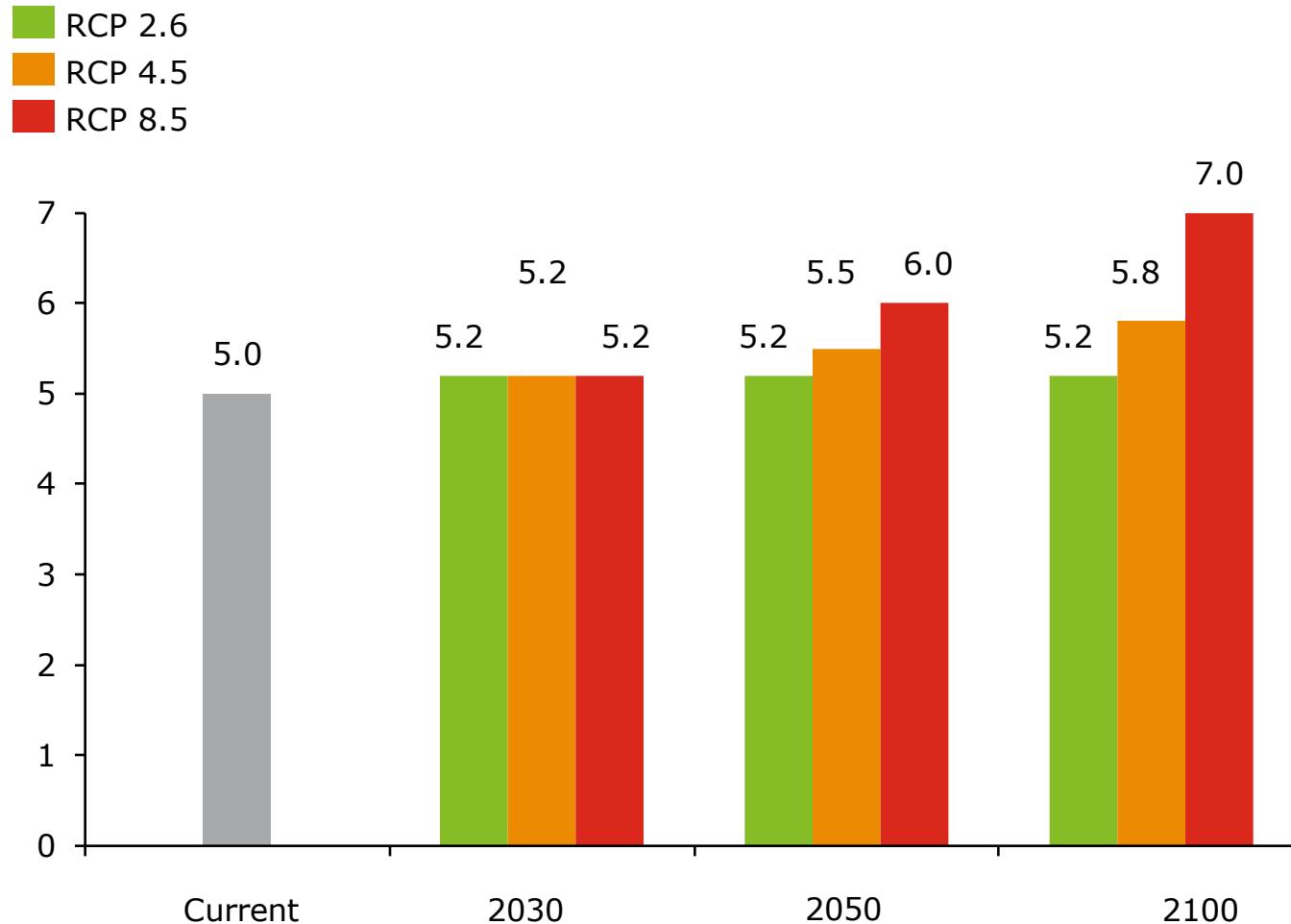
Scenario	Level	Risk level	Days
RCP 2.6	7.2	High	120-130
RCP 4.5	7.5	High	150
RCP 8.5	7.8	High	160-180

**2100**

Scenario	Level	Risk level	Days
RCP 2.6	7.5	High	150
RCP 4.5	7.8	High	160-180
RCP 8.5	8.5	Extreme	210



# Puerta la Victoria – Heat Stress Index



The first column shows the risk levels, while the second shows the days of heatwave and the annual maximum temperature.

- **Current**
  - **5.0 = 40 days with heatwave**

# Puerta la Victoria – Heat Stress Index

**2030**

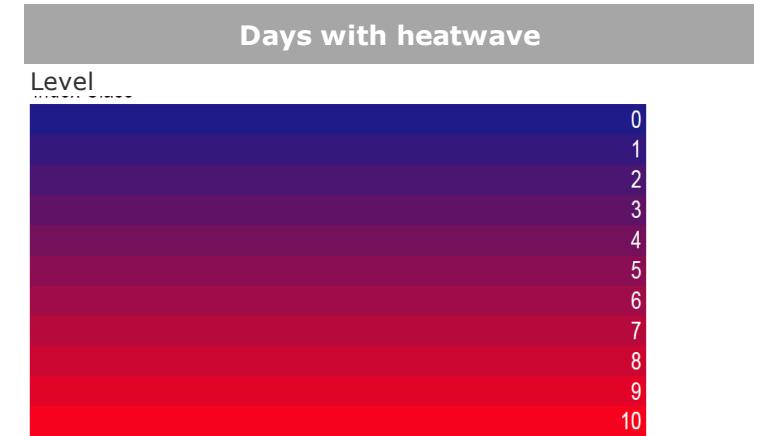
Scenario	Level	Risk level	Days with heatwave
RCP 2.6	5.2	Average	45-50
RCP 4.5	5.2	Average	45-50
RCP 8.5	5.2	Average	45-50

**2050**

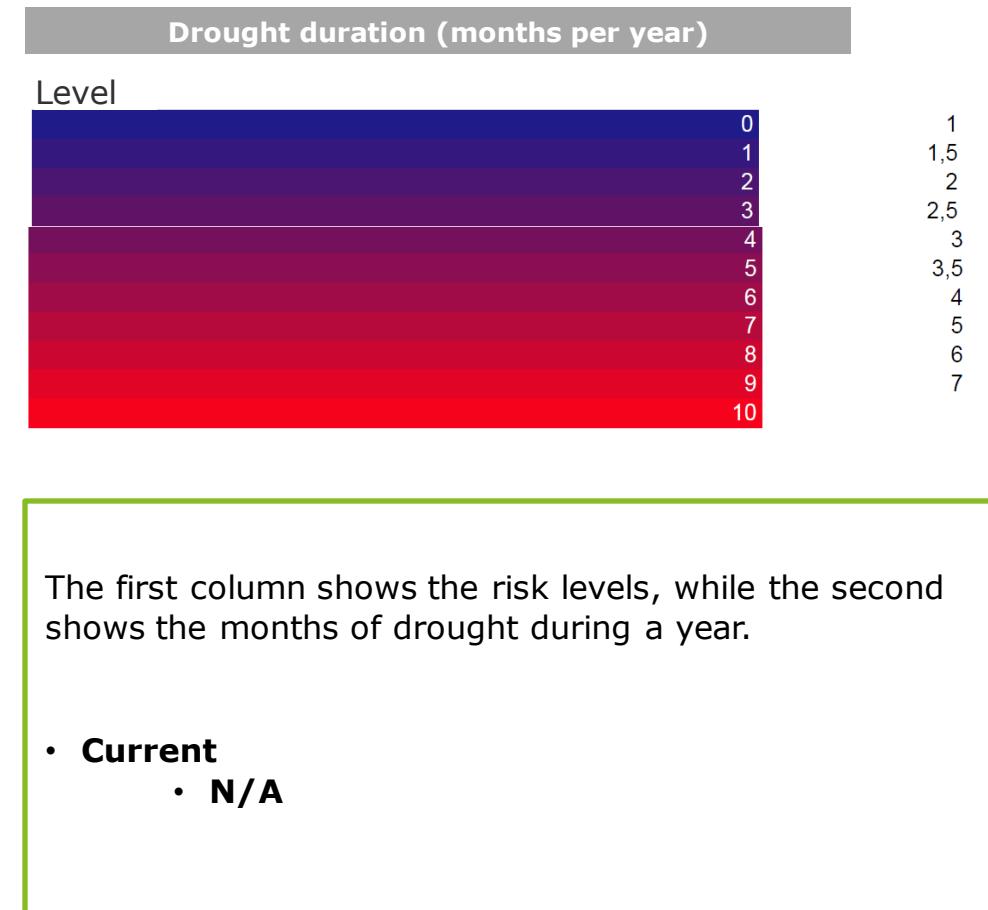
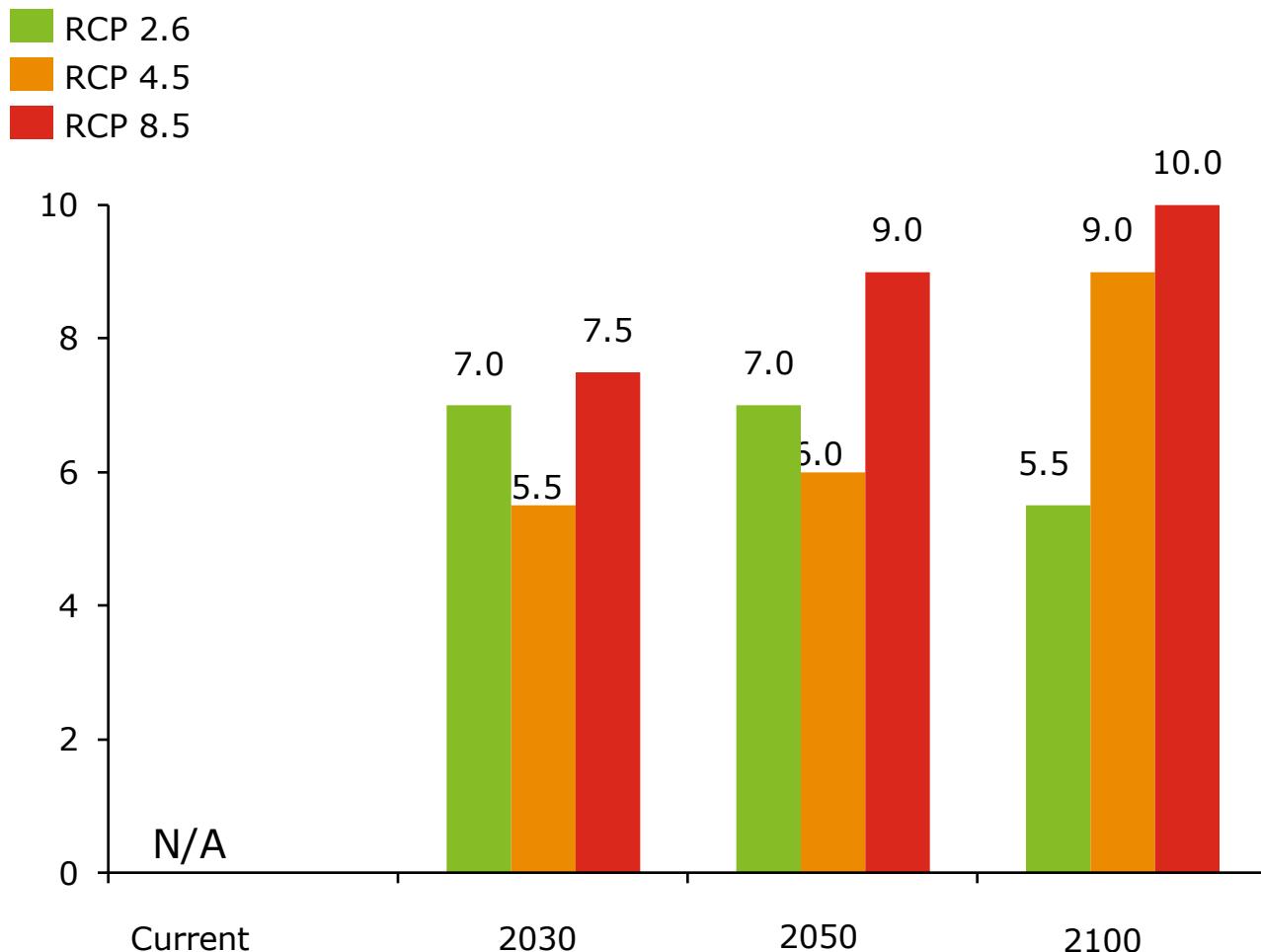
Scenario	Level	Risk level	Days with heatwave
RCP 2.6	5.2	Average	45-50
RCP 4.5	5.5	Average	60
RCP 8.5	6.0	Average	80

**2100**

Scenario	Level	Risk level	Days with heatwave
RCP 2.6	5.2	Average	45-50
RCP 4.5	5.8	Average	70-80
RCP 8.5	7.0	High	120



# Puerta la Victoria – Drought Stress Index



# Puerta la Victoria – Drought Stress Index

**2030**

Scenario	Level	Risk level	Months
RCP 2.6	7.0	High	5
RCP 4.5	5.5	Average	3.5-4
RCP 8.5	7.5	High	5.5

## Drought duration (months per year)



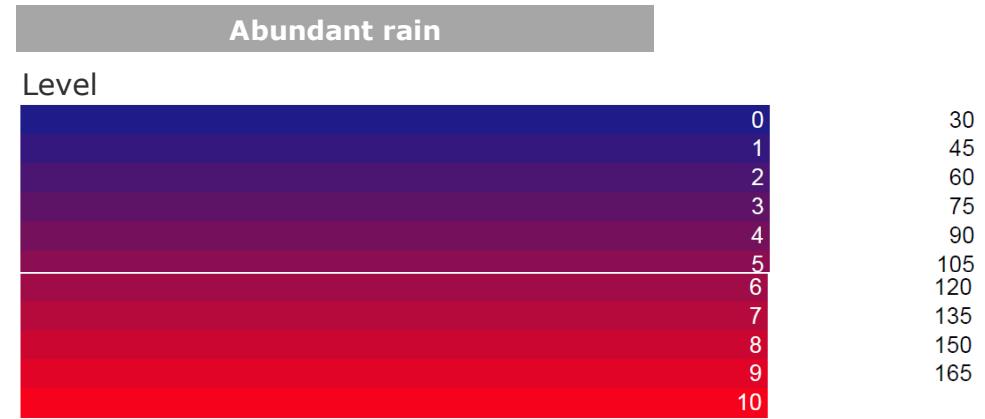
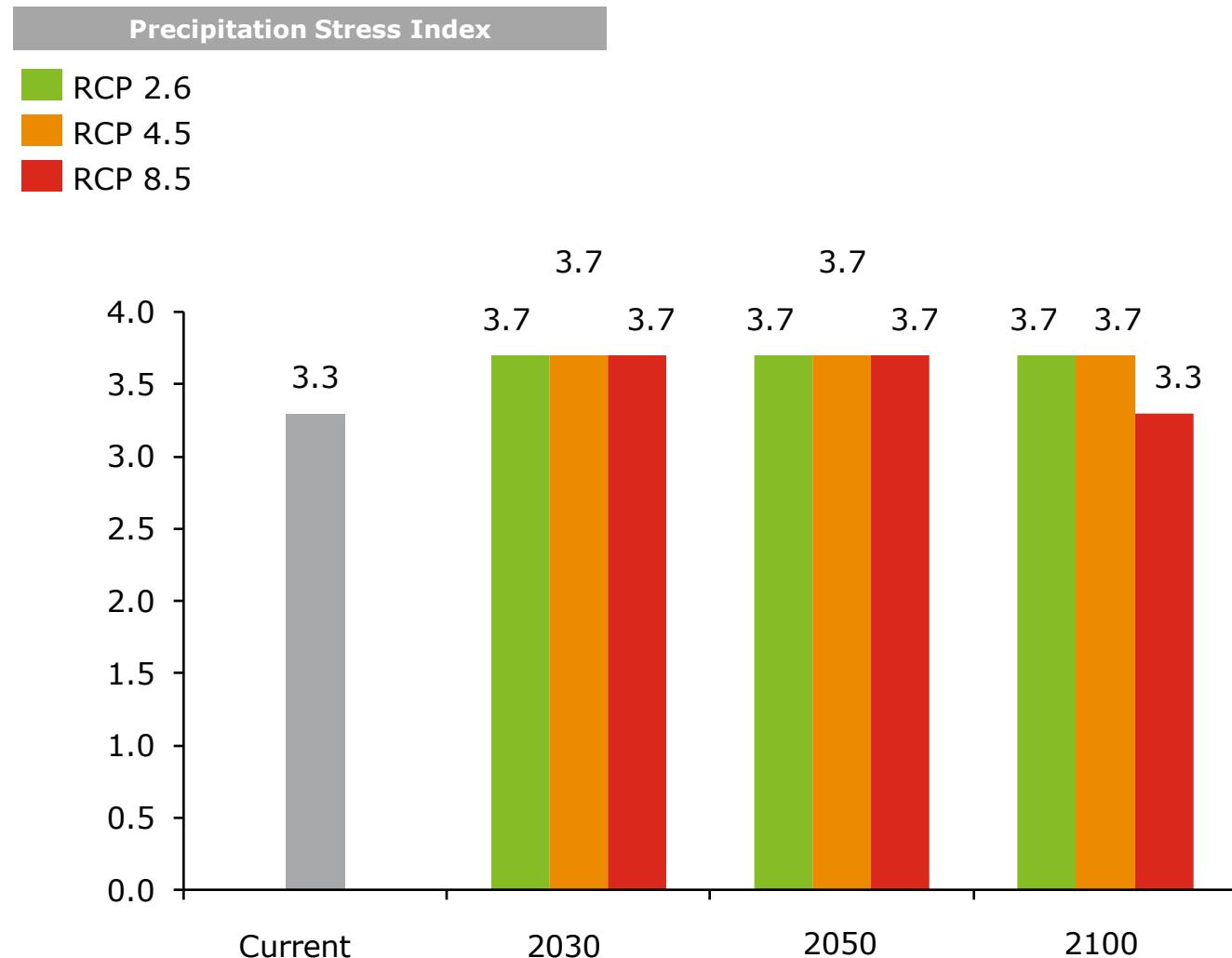
**2050**

Scenario	Level	Risk level	Months
RCP 2.6	7.0	High	5
RCP 4.5	6.0	Average	4
RCP 8.5	9.0	Extreme	7

**2100**

Scenario	Level	Risk level	Months
RCP 2.6	5.5	Average	3.5-4
RCP 4.5	9.0	Extreme	7
RCP 8.5	10.0	Extreme	+7

# Puerta la Victoria – Precipitation Stress Index



The first column shows the risk levels, while the second shows the number of days with abundant rain.

- **Current**
  - **3.3 = 75-80 days of abundant rain**

# Puerta la Victoria – Precipitation Stress Index

**2030**

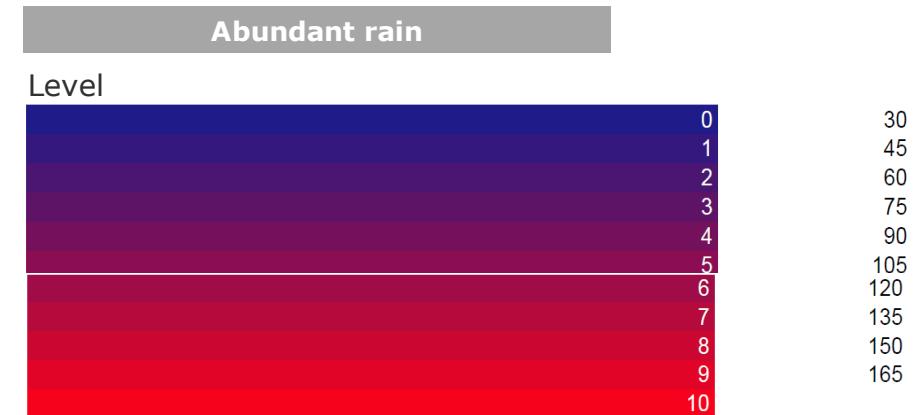
Scenario	Level	Risk level	Days
RCP 2.6	3.7	Low	83-86
RCP 4.5	3.7	Low	83-86
RCP 8.5	3.7	Low	83-86

**2050**

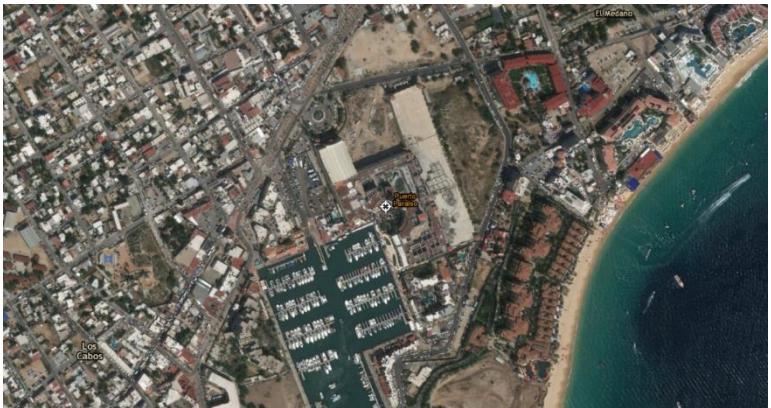
Scenario	Level	Risk level	Days
RCP 2.6	3.7	Low	83-86
RCP 4.5	3.7	Low	83-86
RCP 8.5	3.7	Low	83-86

**2100**

Scenario	Level	Risk level	Days
RCP 2.6	3.7	Low	83-86
RCP 4.5	3.7	Low	83-86
RCP 8.5	3.3	Low	75-80

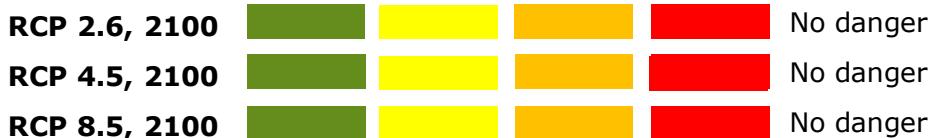


# Puerto Paraíso

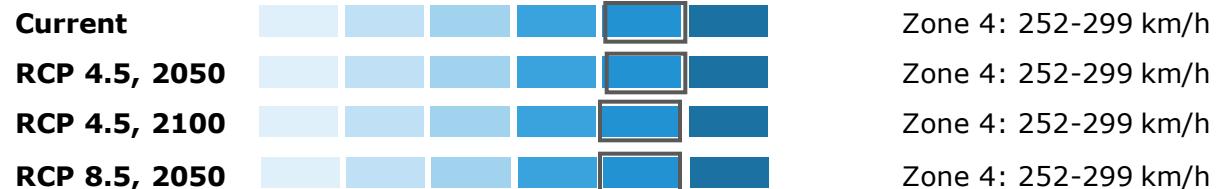


**Location** MEX  
**Longitude/Latitude** -109.9092E, 22.8867N  
**Altitude** 18m  
**Distance to the coast** 138m

## Sea-level rise

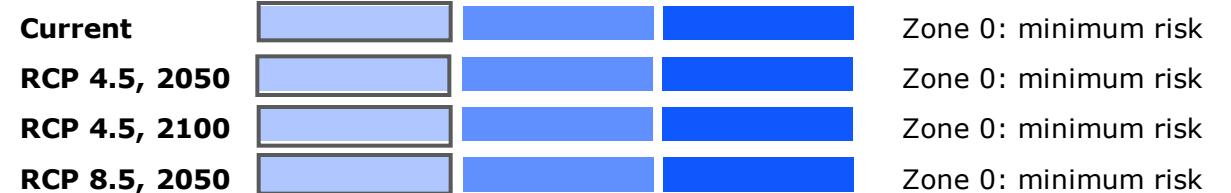


## Tropical Cyclone



Zone 4: 252-299 km/h  
Zone 4: 252-299 km/h  
Zone 4: 252-299 km/h  
Zone 4: 252-299 km/h

## River Flood (undefended)



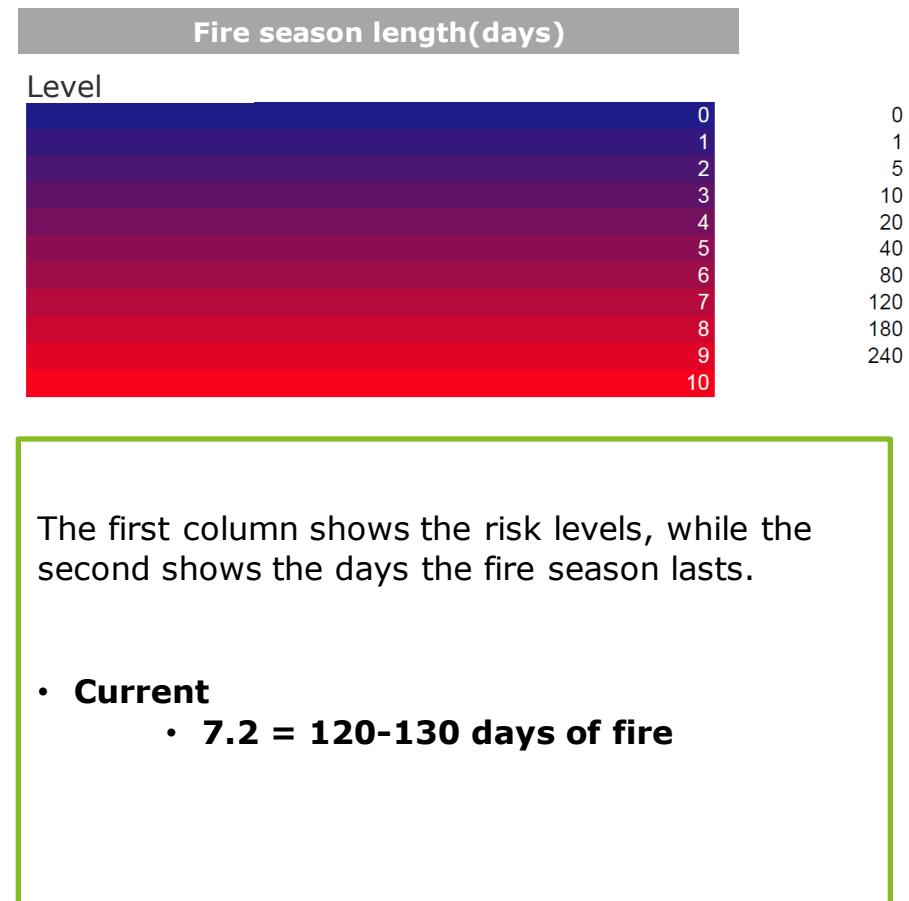
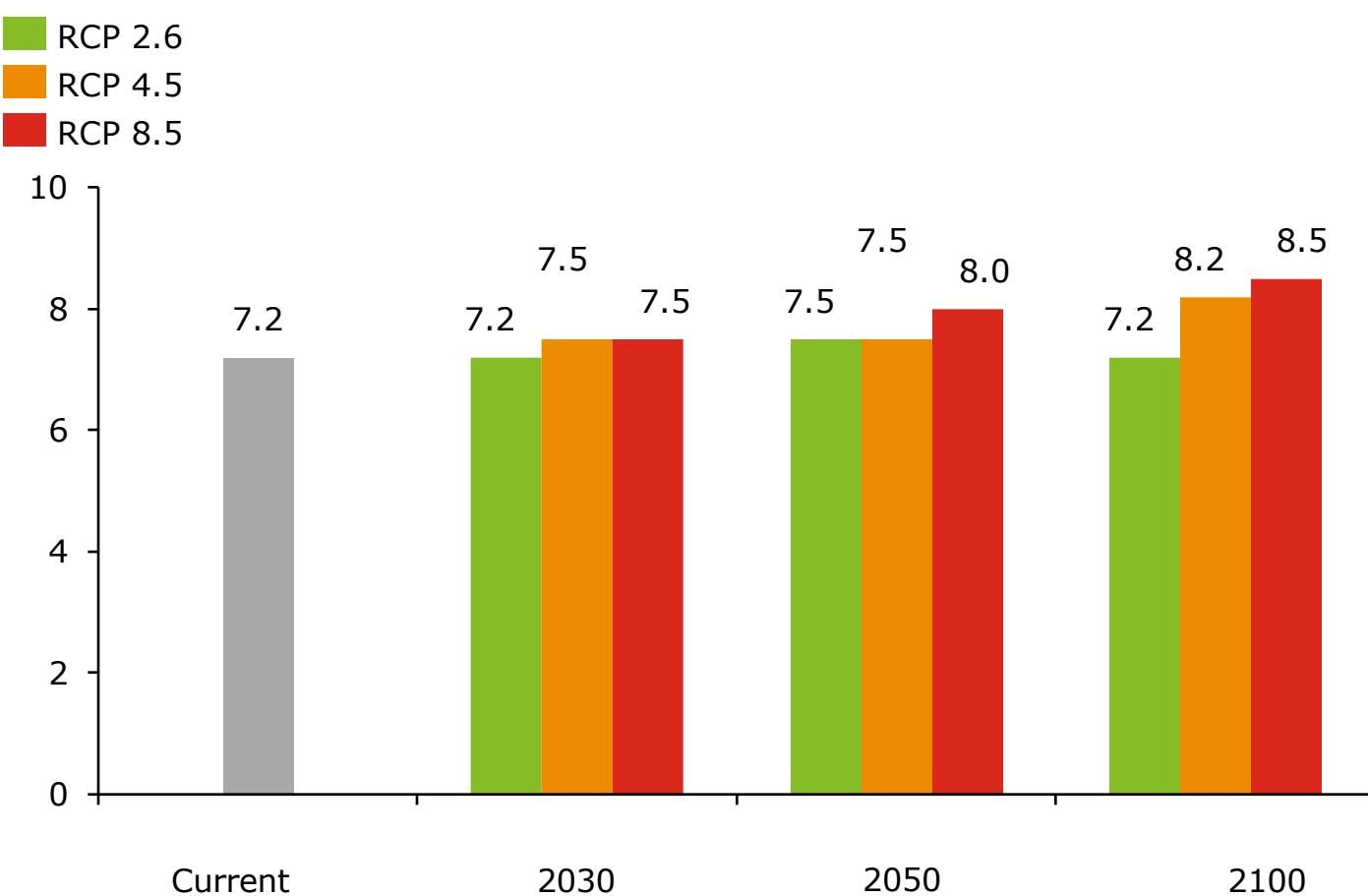
Zone 0: minimum risk  
Zone 0: minimum risk  
Zone 0: minimum risk  
Zone 0: minimum risk

## River Flood (defended)



Zone 0: minimum risk  
Zone 0: minimum risk  
Zone 0: minimum risk  
Zone 0: minimum risk

# Puerto Paraíso – Fire Stress Index



# Puerto Paraíso – Fire Stress Index

**2030**

Scenario	Level	Risk level	Days
RCP 2.6	7.2	High	120-130
RCP 4.5	7.5	High	150
RCP 8.5	7.5	High	150



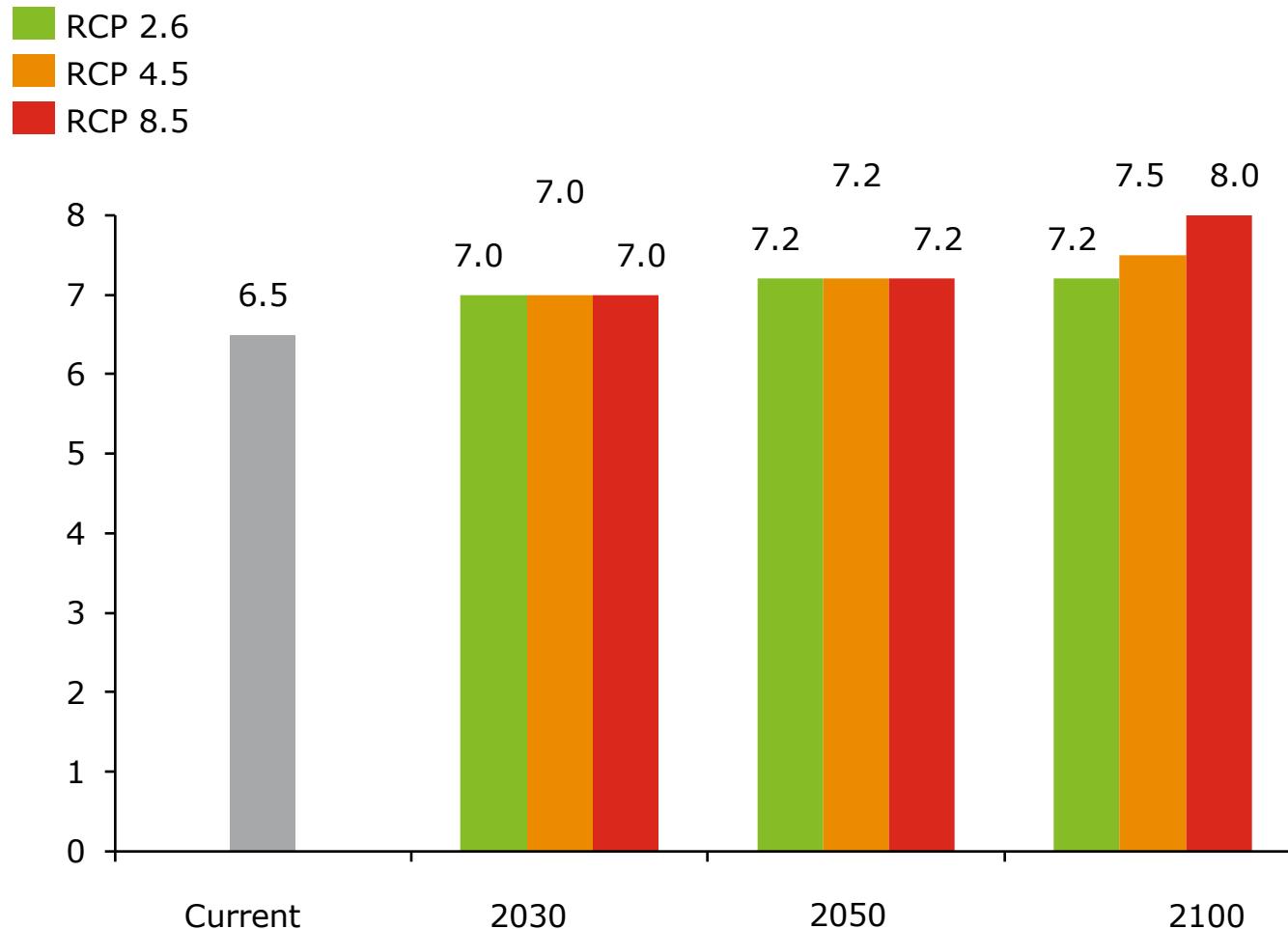
**2050**

Scenario	Level	Risk level	Days
RCP 2.6	7.5	High	150
RCP 4.5	7.5	High	150
RCP 8.5	8.0	High	180

**2100**

Scenario	Level	Risk level	Days
RCP 2.6	7.2	High	120-130
RCP 4.5	8.2	High	190-200
RCP 8.5	8.5	Extreme	210

# Puerto Paraíso – Heat Stress Index



The first column shows the risk levels, while the second shows the days of heatwave and the annual maximum temperature.

- **Current**
  - **6.5 = 100 days with heatwave**

# Puerto Paraíso – Heat Stress Index

**2030**

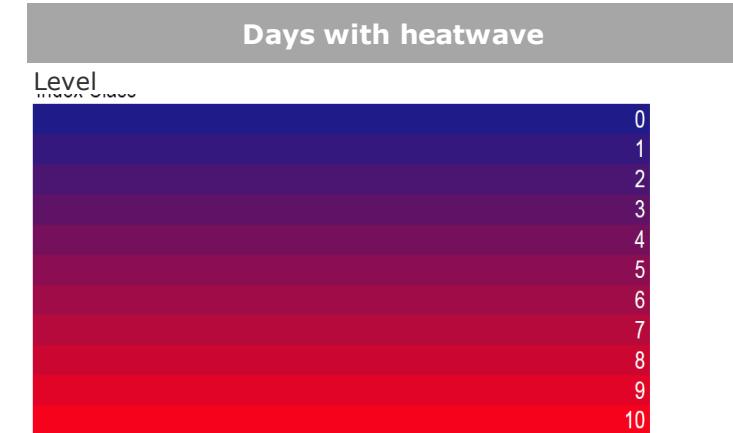
Scenario	Level	Risk level	Days with heatwave
RCP 2.6	7.0	High	120
RCP 4.5	7.0	High	120
RCP 8.5	7.0	High	120

**2050**

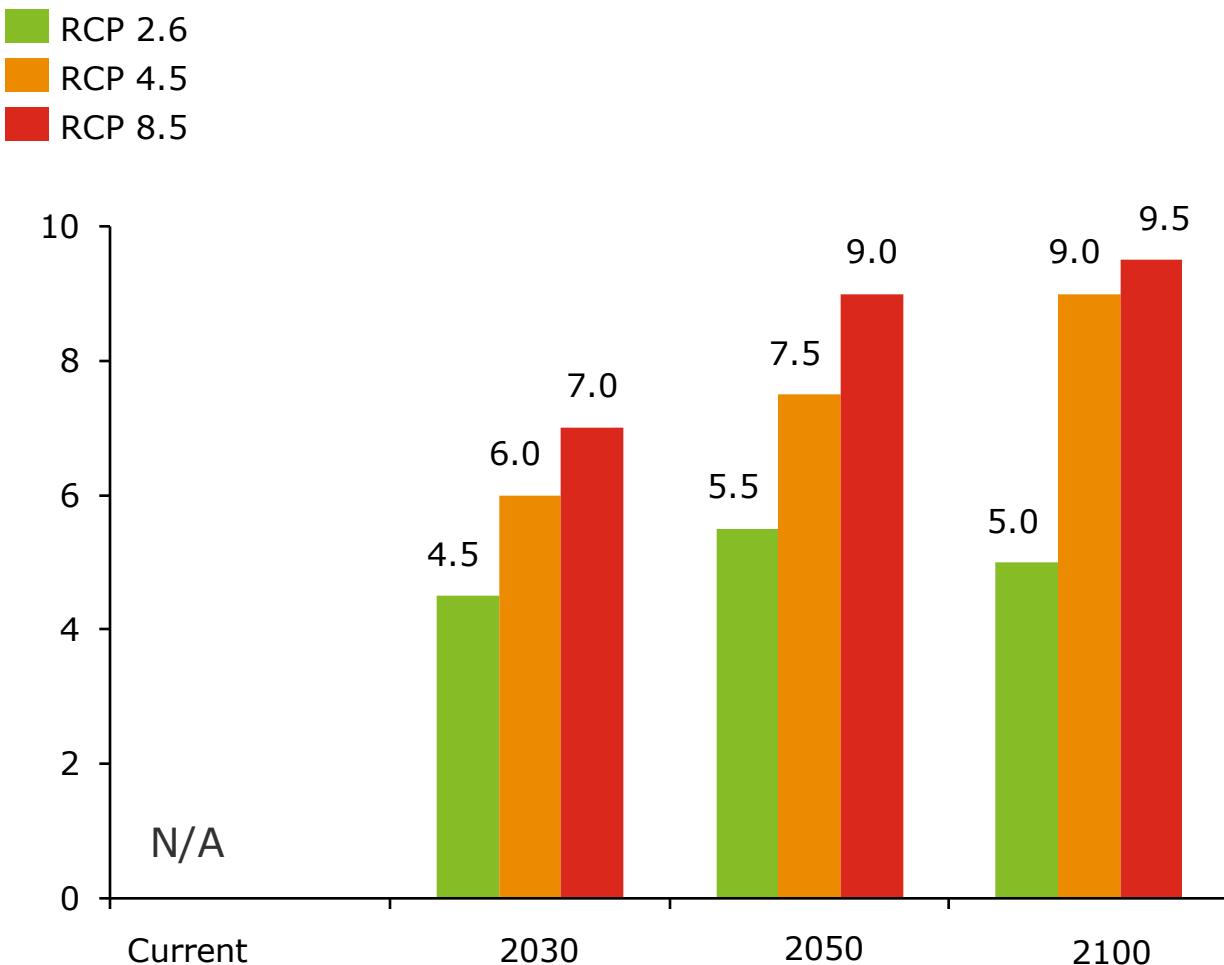
Scenario	Level	Risk level	Days with heatwave
RCP 2.6	7.2	High	120-130
RCP 4.5	7.2	High	120-130
RCP 8.5	7.2	High	120-130

**2100**

Scenario	Level	Risk level	Days with heatwave
RCP 2.6	7.2	High	120-130
RCP 4.5	7.5	High	150
RCP 8.5	8.0	High	180



# Puerto Paraíso – Drought Stress Index



The first column shows the risk levels, while the second shows the months of drought during the year.

- **Current**
  - N/A

# Puerto Paraíso – Drought Stress Index

**2030**

Scenario	Level	Risk level	Months
RCP 2.6	4.5	Average	3
RCP 4.5	6.0	Average	4
RCP 8.5	7.0	High	5

**Drought duration (months per year)**



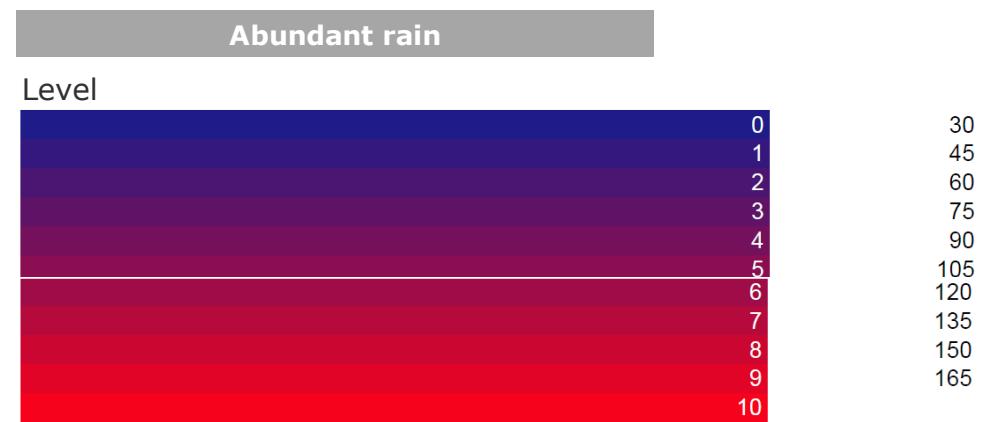
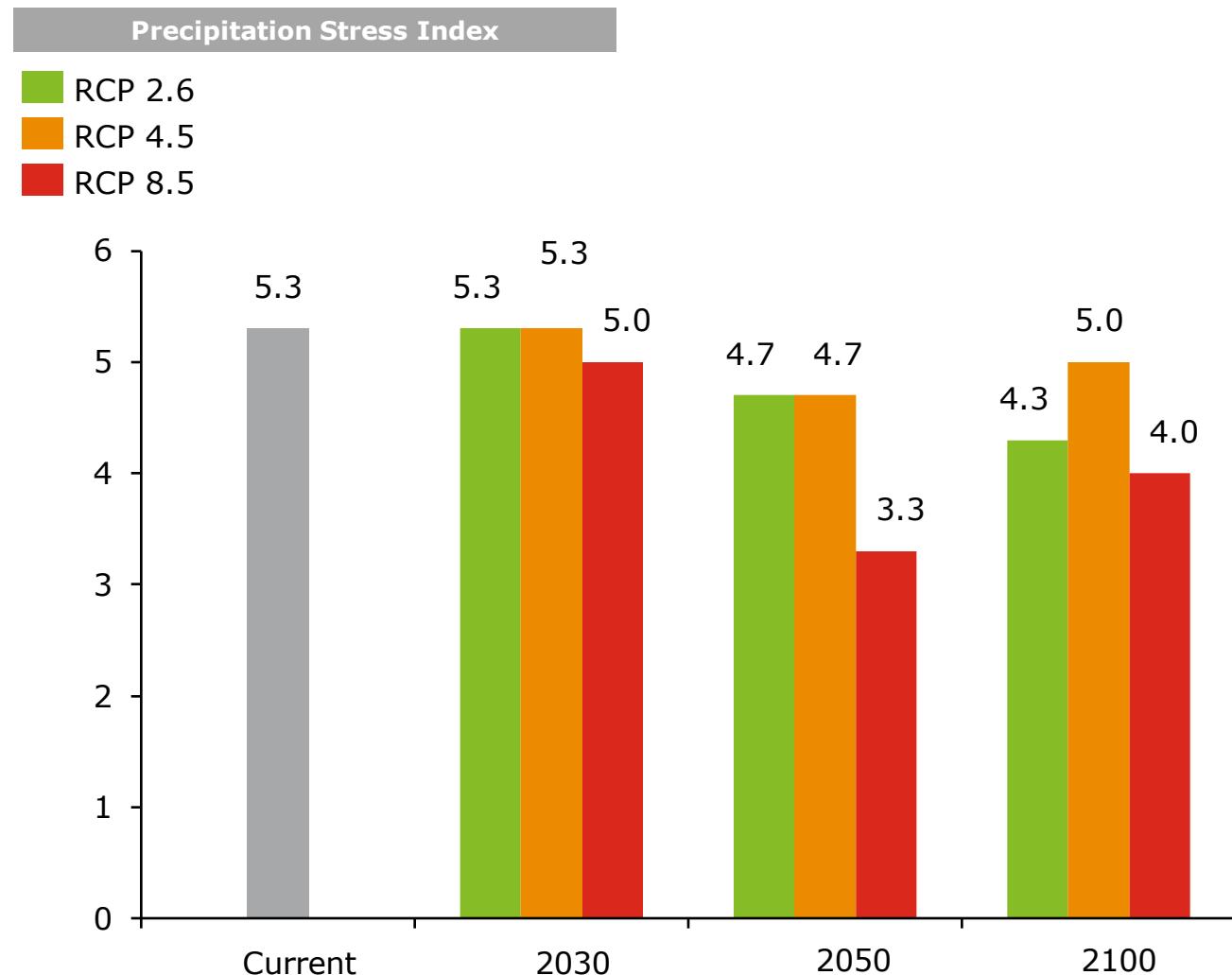
**2050**

Scenario	Level	Risk level	Months
RCP 2.6	5.5	Average	3.5
RCP 4.5	7.5	High	5
RCP 8.5	9.0	Extreme	7

**2100**

Scenario	Level	Risk level	Months
RCP 2.6	5.0	Average	3.5
RCP 4.5	9.0	Extreme	7
RCP 8.5	9.5	Extreme	+7

# Puerto Paraíso – Precipitation Stress Index



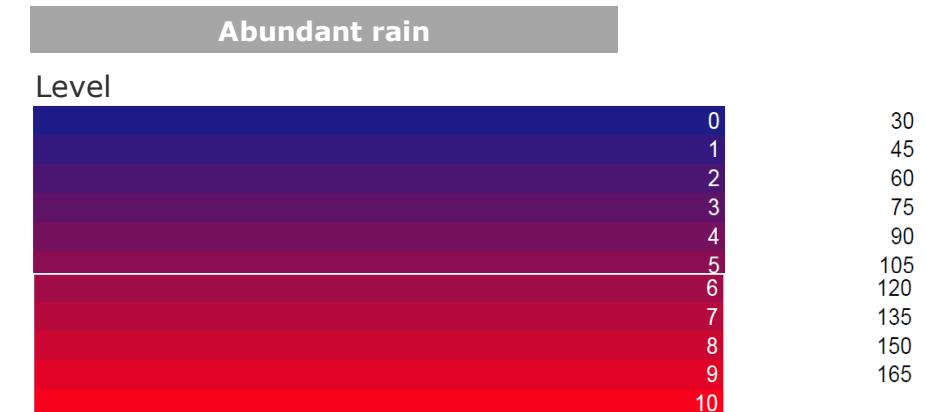
The first column shows the risk levels, while the second shows the number of days there will be abundant rain.

- **Current**
  - **5.3 = 105-110 days of abundant rain**

# Puerto Paraíso – Precipitation Stress Index

**2030**

Scenario	Level	Risk level	Days
RCP 2.6	5.3	Average	105-110
RCP 4.5	5.3	Average	105-110
RCP 8.5	5.0	Average	105



**2050**

Scenario	Level	Risk level	Days
RCP 2.6	4.7	Average	100-105
RCP 4.5	4.7	Average	100-105
RCP 8.5	3.3	Low	75-80

**2100**

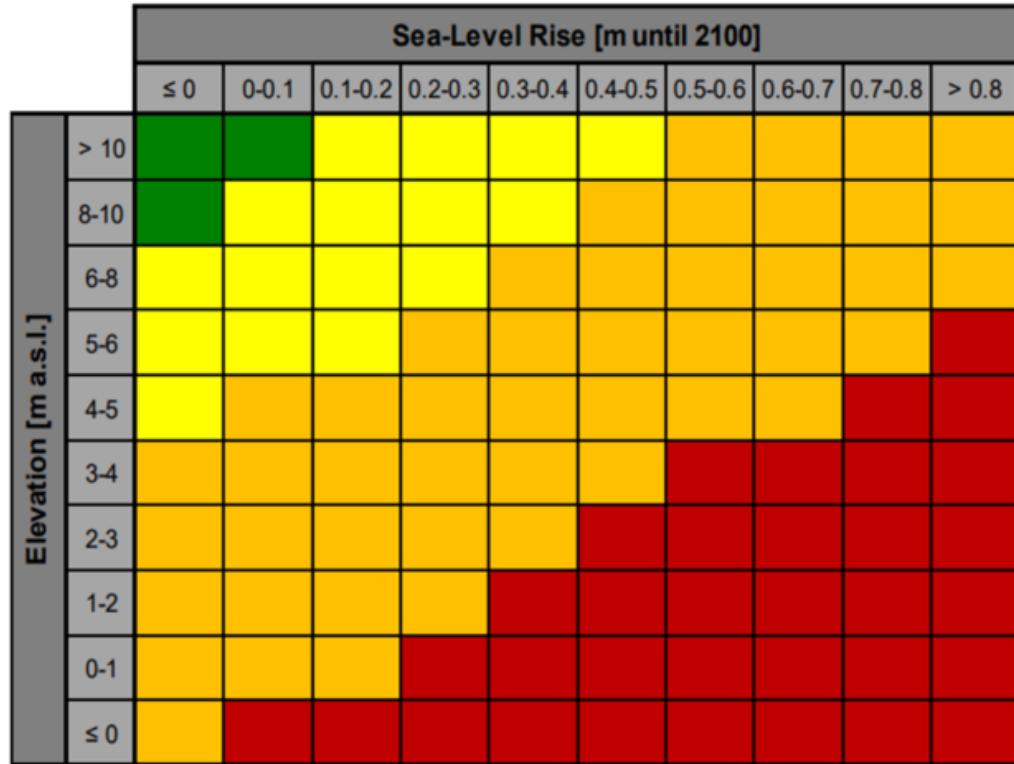
Scenario	Level	Risk level	Days
RCP 2.6	4.3	Average	90-95
RCP 4.5	5.0	Average	105
RCP 8.5	4.0	Low	90



# Annex

# Meaning of chronic hazard indices interpretation

## Sea-Level Rise



Calculation of hazard scoring for modeling not considering flooding of land (green = low, yellow = average, orange = high, red = extreme).

# Meaning of chronic hazard indices interpretation

## Fire Stress Index

Length of Fire Season [days] (*lofs*)

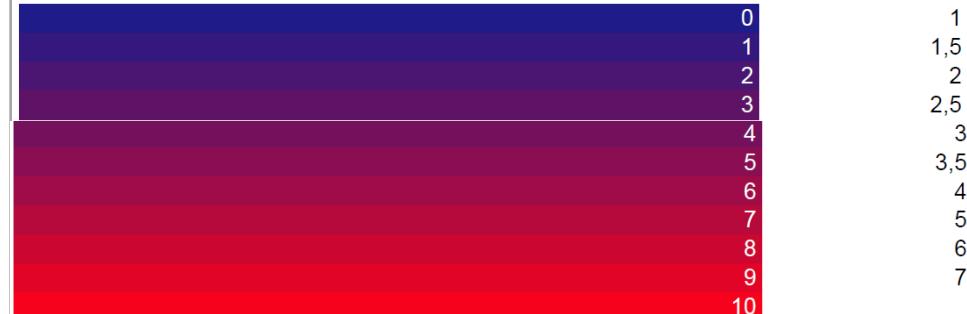
Index Class



## Drought Stress Index

Drought Duration per Year [months] (*duration\_pYr*)

Index Class



## Heat Stress Index

Days in Heatwave [days] (*kysely*)

Index Class



## Precipitation Stress Index

High-5-Day Rainfall [mm] (*high5day*)

Index Class



# Notice of liability

The client is responsible for carefully reviewing the information provided. Specifically, the client will be the only liable party for:

- (i) Correct use of the information
- (ii) Reviewing the results generated with the data provided, and
- (iii) Legal and business decisions based on the results

## Acronyms

The following acronyms were used in the analysis

Acronym	Definition
CORDEX	Coordinated Regional Climate Downscaling Experiment
CMIP5	Coupled Model Intercomparison Project Phase 5
IPCC	Intergovernmental Panel on Climate Change
RCP	Representative Concentration Pathways

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