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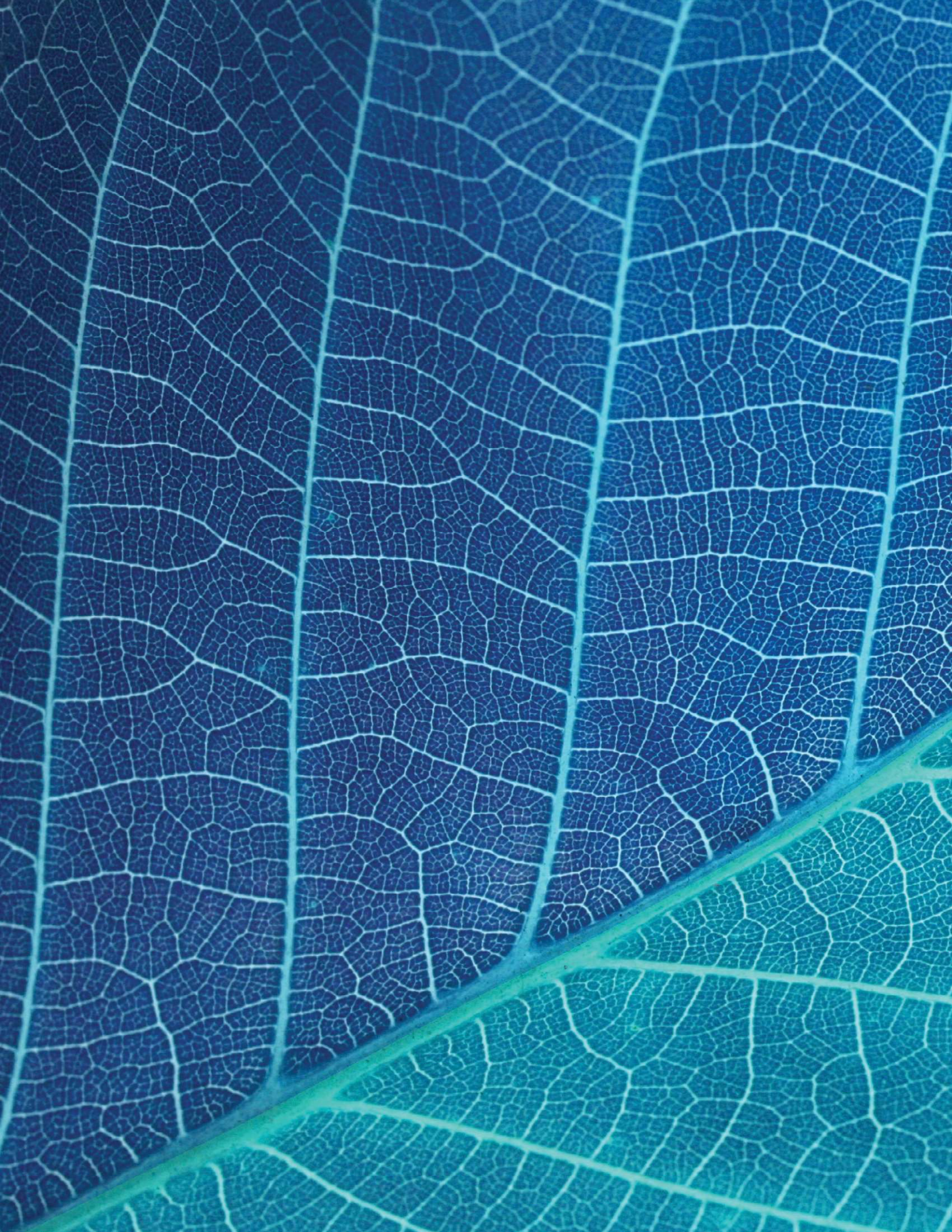
THE STATE OF THE CARIBBEAN CLIMATE



Prepared by
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For
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THE STATE OF THE CARIBBEAN CLIMATE

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LIST OF ABBREVIATIONS

ACE	Accumulated Cyclone Energy
ACP	African, Caribbean and Pacific Group of States ¹
AEW	African Easterly Waves
AMC	Applied Meteorology and Climatology
AMO	Atlantic Multi-decadal Oscillation
AR5	Fifth Assessment Report
ASO	August – September - October
AWP	Atlantic Warm Pool
AWS	Automatic Weather Station
BMCs	Borrowing Member Countries
BRCCC	Building Regional Climate Capacity in the Caribbean
CACB	Caribbean Agro-Climatic Bulletin
CAMI	Caribbean Agro-Meteorological Initiative
CANARI	Caribbean Natural Resources Institute
CAP	Common Alerting Protocol
CARDI	Caribbean Agricultural Research & Development Institute
CARIBSAVE	Partnership of CCCCC and Oxford University
CariCOF	Caribbean Climate Outlook Forum
CARICOM	Caribbean Community
CARIFORUM	Forum of Caribbean Group of African Caribbean Pacific States
CariSAM	Caribbean Society for Agricultural Meteorology

CARISURV	Caribbean Health Surveillance System
CARIWIG	Caribbean Weather Impacts Generator
CAROGEN	CariCOF Outlook Generator
CARPHA	Caribbean Public Health Agency
CCCCC	Caribbean Community Climate Change Centre
CCCMA	Canadian Centre for Climate Modelling and Analysis
CCID	Caribbean Climate Impacts Database
CCORAL	Caribbean Climate Online Risk and Adaptation Tool
CCRIF SPC	Caribbean Catastrophe Risk Insurance Facility Segregated Portfolio Company
CDB	Caribbean Development Bank
CDD	Consecutive Dry Days
CDEMA	Caribbean Disaster Emergency Management Agency
CDKN	Climate and Development Knowledge Network
CDP	Caribbean Dewetra Platform
CDPMN	Caribbean Drought and Precipitation Monitoring Network
CEPF	Critical Ecosystem Partnership Fund
CHCB	Caribbean Health-Climatic Bulletin
CHTA	Caribbean Hotel and Tourism Association
CIMH	Caribbean Institute for Meteorology and Hydrology
Climpag	Climate Impacts on Agriculture
CLLJ	Caribbean Low Level Jet

¹ The African, Caribbean and Pacific Group of States is now called The Organisation of African, Caribbean and Pacific States (OACPs).

CMEP	Commonwealth Marine Economies Programme
CMIP	Coupled Models Intercomparison Project
CMO	Caribbean Meteorological Organisation
CNN	Cable News Network (USA)
CNRM	National Centre for Meteorological Research
CO₂	Carbon Dioxide
CPO	Caribbean Precipitation Outlook
CRU	Climatic Research Unit
CSGM	Climate Studies Group Mona
CSIS	Climate Services Information System
CTA	Technical Centre for Agricultural and Rural Cooperation
CTCB	Caribbean Tourism Climatic Bulletin
CTO	Caribbean Tourism Organization
CWWA	Caribbean Water and Wastewater Association
DOWASCO	Dominican Water and Sewage Company Limited
DSS	Decision Support Systems
DSSAT	Decision Support System for Agrotechnology Transfer
EC	European Commission
ECLAC	Economic Commission for Latin America and the Caribbean
ECT	Eastern Caribbean Time
EDS	Early Dry Season (December to April)
EM-DAT	Emergency Events Database
ENSO	El Niño-Southern Oscillation
EOC	End of Century

EPA	Environmental Protection Agency
ERFS	Early Rainfall Season (May-June)
ESRL	Earth System Research Laboratory (NOAA)
ET0 Map	Drought and Evapotranspiration Map
EU	European Union
EWISACTs	Early Warning Information Systems across Climate Timescales
FAO	Food and Agriculture Organisation of the United Nations
FAOSTAT	FAO Corporate Statistical Database
FMA	February - March - April
GA Airport/ GAIA	Grantley Adams International Airport (Barbados)
GCM	Global Climate Model / General Circulation Model
GDP	Gross Domestic Product
GFCS	Global Framework for Climate Services
GFDL	Geophysical Fluid Dynamics Laboratory (NOAA)
GIA	Global Isostatic Adjustment
HEC-GeoHMS	Geospatial Hydrologic Modeling Extension
HEC-HMS	The Hydrologic Modeling System
HEWSs	Heat Early Warning Systems
ICDC	Integrated Climate Data Centre
IGDS	Institute for Gender and Development Studies (Mona Unit – Jamaica)
IPCC	Intergovernmental Panel on Climate Change
IRI	International Research Institute for Climate and Society
ITCZ	Inter-Tropical Convergence Zone

KNMI	Koninklijk Nederlands Meteorologisch Instituut (Royal Netherlands Meteorological Institute)
LMI	Lifetime Maximum Intensity
LRFS	Late Rainfall Season (September –November)
m	metres
MBIA	Maurice Bishop International Airport (Grenada)
MJJ	May - June - July
mm	millimetres
MOSAICC	Modelling System for Agricultural Impacts of Climate Change
MOU	Memorandum of Understanding
MRESL	Mean Reconstruction sea level (data set)
MSD	Mid-Summer Drought
MSJ	Meteorological Service of Jamaica
MSL	Mean Sea Level
NAH	North Atlantic High
NASH	North Atlantic Subtropical High
NCEP	National Centres for Environmental Prediction
NCOFs	National Climate Outlook Forums
NDJ	November - December - January
NDRM	National Disaster Risk Management
NHC	National Hurricane Center
NMHS	National Meteorological and Hydrological Services
NOAA	National Oceanographic and Atmospheric Administration
OAR	Oceanic and Atmospheric Research

OAS	Organization of American States
OECS	Organization of Eastern Caribbean States
OI SST V2	Optimum Interpolation Sea Surface Temperature
OTEC	Ocean Thermal Energy Conversion
PAHO	Pan American Health Organization
PET	Potential Evapotranspiration
PoA	Plan of Action
PPE	Perturbed Physics Experiment
PRECIS	Providing Regional Climates for Impact Studies
R&D	Research and Development
R95p	Rainfall exceeding 95th percentile
RADA	Rural Agriculture Development Agency
RCC	Regional Climate Centre
RCMs	Regional Climate Models
RCOF	Regional Climate Outcome Forum
RCP	Representative Concentration Pathways
ReCORD	Regional Climate Observations Database
RJR	Radio Jamaica Rediffusion
RX1	Monthly Maximum One Day Rainfall Amount
RX5	Monthly Maximum Consecutive Five Day Rainfall Amount
scPDSI	self-calibrating Palmer Drought Severity Index
SDSM	Statistical Downscaling Model
SIDS	Small Island Developing State
SIMCLIM 2013	ArcGIS-based Climate Simulation Model

SLR	Sea Level Rise
SM	Supplementary Materials
SMASH	Simple Model for the Advection Storms and Hurricanes
SMS	Subscriber Messaging Service
SOCC	State of the Caribbean Climate
SOJC	State of the Jamaican Climate (2015)
SON	September-October-November
SPEI	Standardized Precipitation-Evapotranspiration Index
SPI	Standardized Precipitation Index
SRES	Special Report on Emissions Scenarios
SREX	Special Report on Extremes
SST	Sea Surface Temperature
STP	Science and Technology Programme
TC	Tropical Cyclones
TCTT	Telecommunications Company of Trinidad and Tobago
TIMS	Tourism Information Management System (CTO)
TNA	Tropical North Atlantic
TTMS	Trinidad & Tobago Meteorological Service
UDel	University of Delaware

UIP	User Interface Platform
UNDP	United Nations Development Programme
USD	United States Dollars
UTCI	Universal Thermal Climate Index
UVI	Ultraviolet Index
UWI	University of the West Indies
UWI-DFD	University of the West Indies' Department of Food Production
VCB Airport	V.C. Bird International Airport (Antigua and Barbuda)
WAMIS	World Agro-Meteorological Information Service
WEAP	Water Evaluation and Planning
WEC	World Energy Council
WFP	World Food Program
WMO	World Meteorological Organization
WRA	Water Resources Authority
WRI	World Resources Institute
WTTC	World Travel and Tourism Council
WWC -3	The Third World Climate Conference

