



CARIBBEAN
ACTUARIAL
ASSOCIATION



Rohan Hall, AIA.

Chair - CAA Climate Change Initiative

CARIBBEAN ACTUARIAL ASSOCIATION ACTUARIES CLIMATE INDEX

This presentation has been prepared for the 2023 Caribbean Actuarial Association (CAA) Conference.

The CAA wishes it to be understood that opinions put forward herein are not necessarily those of the CAA and the CAA takes no responsibility for those opinions.



Actuaries Climate Index (ACI)

- An educational tool designed to help inform about climate trends and some of its potential impacts
- Target Audience - Actuaries, public policymakers, and the general public
- Territory – North America (United States and Canada)
- Developed by consortium of North American actuarial bodies – AAA, CAS, CIA and SOA.

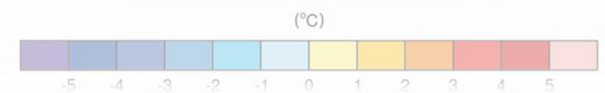
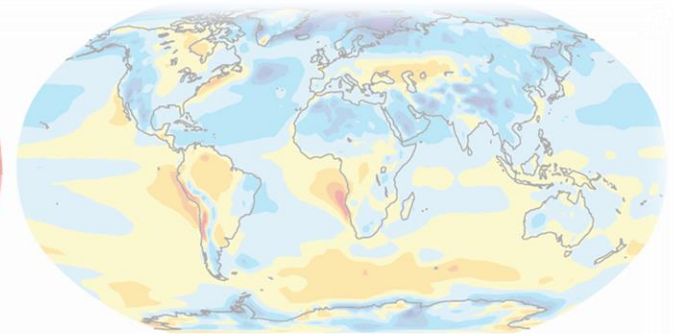
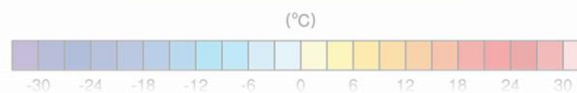
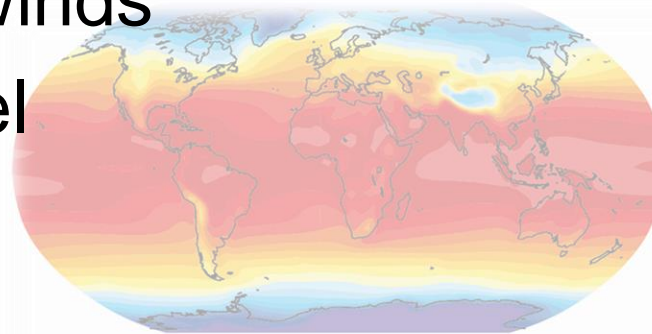


Actuaries Climate Index (ACI)

- ACI is an objective index that measures extreme changes in climate similar to Consumer Price Index which measures change in average prices
- Reference Period for ACI: 1961 to 1990

Key Elements of ACI

1. High temperatures
2. Low temperatures
3. High precipitation
4. Drought
5. Strong winds
6. Sea level





Caribbean ACI

- CAA created its own Actuaries Climate Index Working Party to develop a Caribbean ACI
 - Bertha Pilgrim (Chair)
 - Stephen Robinson
 - Lachmi Connell
 - Britta Hay
 - Mike McLaughlin
 - Cesar Davila
- SOA has provided significant technical assistance



Caribbean ACI

- CAA reviewing data for creation of the local index
- SOA developed a climate analytics tool which will aid in Studying Weather Trends in the Caribbean Region
- Webinar on the demo of the climate analytics tool was held on November 21

Climate Webinar

Demo of a
Tool for
Studying
Weather
Trends In the
Caribbean



CARIBBEAN ACTUARIAL ASSOCIATION



ONLINE WEBINAR

REVEALING WEATHER WONDERS:

Unveiling the CAA Climate Index SOA Tool for Caribbean Weather Trends

Our Guest Speaker
Patrick Wiese
ASA, SOA Research Institute

Tuesday, 21 November
1:00 PM EST