

# Aw

## Tropical savanna climate

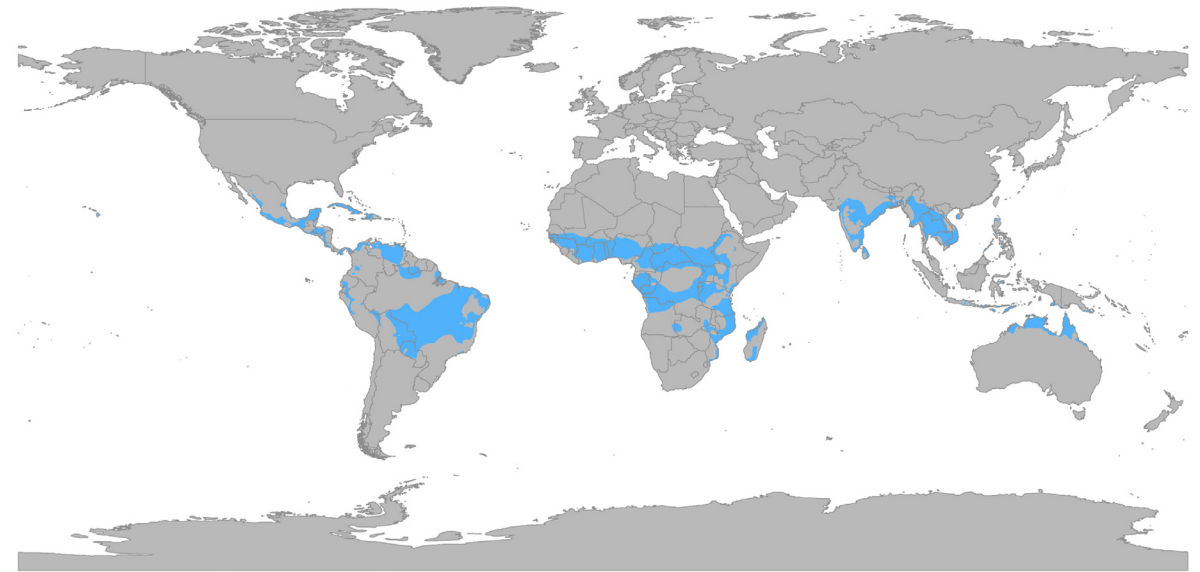
### Location Examples:

- Northeastern Brazil
  - Mexico
- Florida, USA
- Caribbean

Tropical savanna climate or tropical wet and dry climate is a type of climate that corresponds to the Köppen climate classification categories “Aw” and “As”. Tropical savanna climates have monthly mean temperatures above 18 °C (64 °F) in every month of the year and typically a pronounced dry season, with the driest month having less than 60 mm (2.36 inches) of precipitation and also less than 100 – [total annual precipitation {mm}/25] of precipitation.

This latter fact is in direct contrast to a tropical monsoon climate, whose driest month sees less than 60 mm of precipitation but has more than 100 – [total annual precipitation {mm}/25] of precipitation. In essence, a tropical savanna climate tends to either see less rainfall than a tropical monsoon climate or have more pronounced dry season(s).

[https://en.wikipedia.org/wiki/Tropical\\_savanna\\_climate](https://en.wikipedia.org/wiki/Tropical_savanna_climate)





# Naples Botanical Garden Visitor Center

case study  
By Yanan Qian

Location: Naples, USA



**Architect:** Lake Flato Architects

**Owner:** N/A

**Year of completion:** 2014

**Climate:** Aw

**Material of interest:** wood

**Application:** Exterior

**Properties of material:** Providing strong contextual place to the garden, a wood-paneled Prow above the cultivated greenery gives visitors views of Everglade palms below and distant glimpses of sawgrass wetlands beyond.

**Sources:**

Architect Website: <http://www.lakeflato.com/>  
<https://www.archdaily.com/774181/naples-botanical-garden-visitor-center-lake-flato-architects>



# Marble House

case study  
By Zhuoying Chen

Location: Bangkok, Thailand



**Architect:** OPENBOX Architects

**Owner:** N/A

**Year of completion:** 2017

**Climate:** Aw (Tropical Savanna Climate)

**Material of interest:** Persian white classico

**Application:** Roof and Skin

**Properties of material:**

- hard, durable, stable
- adjust temperature, shield from direct sunlight and external heat
- can be polished to a high luster, neat and elegant
- expansive

**Sources:**

<https://www.archdaily.com/872904/marble-house-open-box-architects>

