



*Official Weather Source
of the Cayman Islands*

Cayman Islands Weather and Climate

Kerrie Forbes

Meteorologist

Cayman Islands National Weather Service

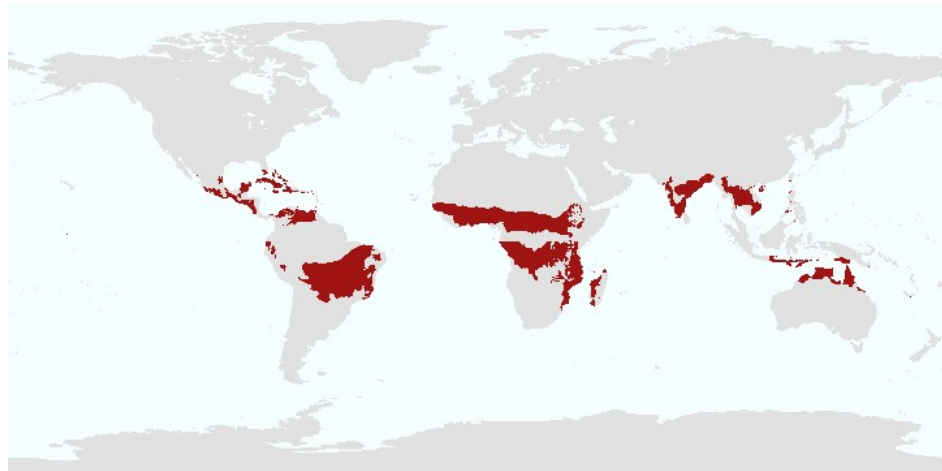




*Official Weather Source
of the Cayman Islands*

Climate

- Tropical Wet (Aw) climate [Köppen system]
 - Driest month with precipitation less than 2.4 in and less than 4% of the annual precipitation
- Dry Season of mild winters (Nov - Apr)
- Wet season of warm & rainy summer (May - Oct)





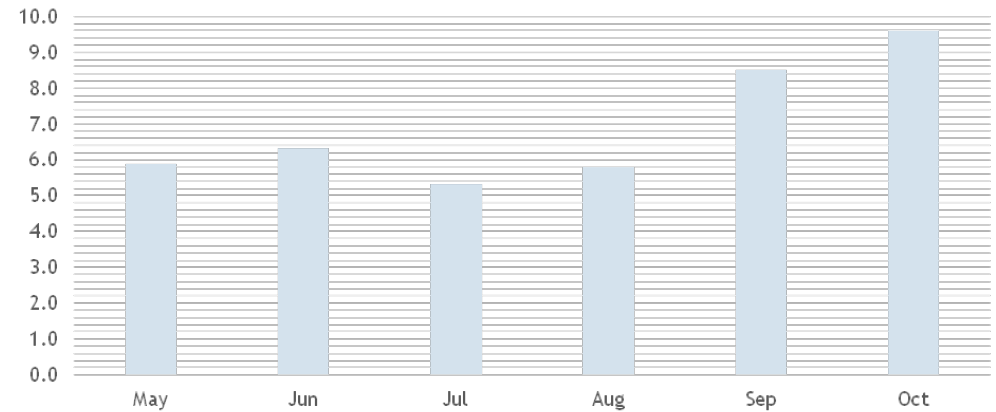
*Official Weather Source
of the Cayman Islands*

Wet Season

- Max Average Temperature: 91°F
- Rainfall Total: 6.9 inches
- Main Producers of Precipitation:
 - Convection (producing regular afternoon showers due to higher summer temperatures)
 - Tropical Wave
 - Tropical Depression
 - Tropical Storm
 - Hurricane



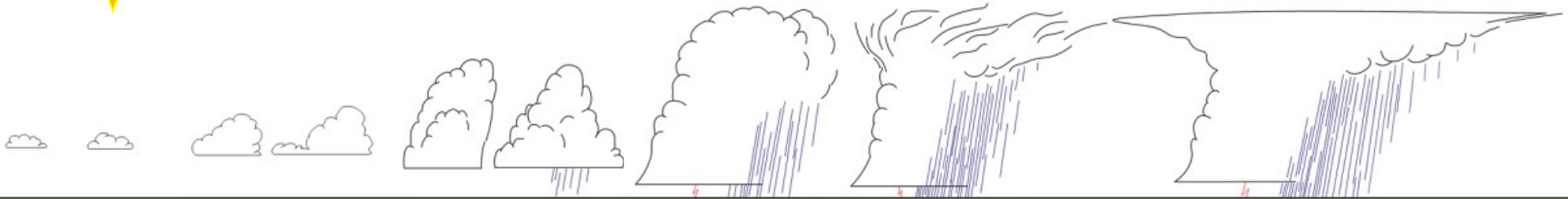
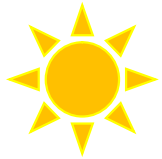
30-Year Wet Season Rainfall Totals [in] (1991-2020)
At Owen Roberts Intl Airport, Grand Cayman [19.3°N,
81.3°W]





Official Weather Source
of the Cayman Islands

Convection



CUMULUS

TOWERING
CUMULUS

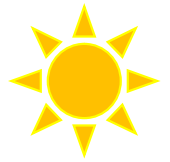
CUMULONIMBUS





Official Weather Source
of the Cayman Islands

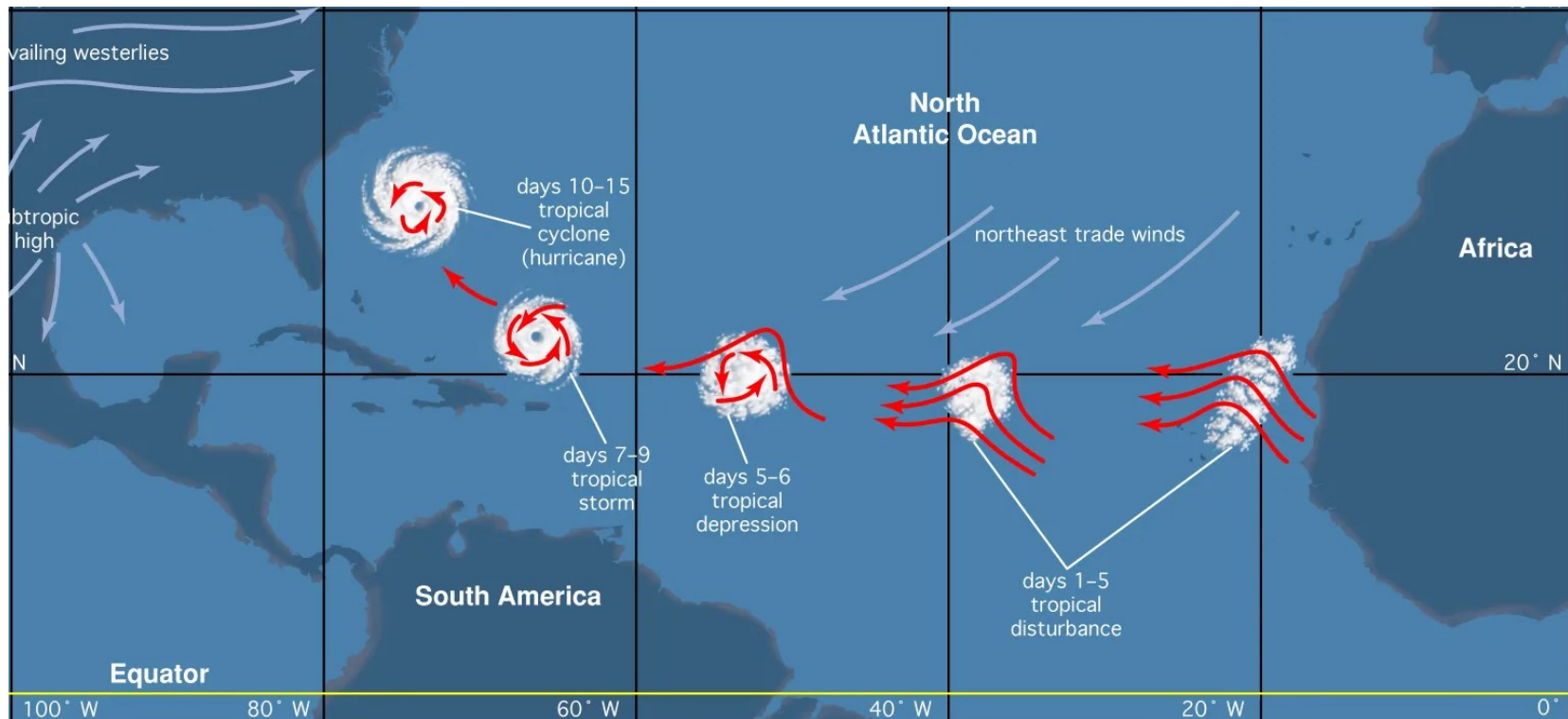
Convection





Official Weather Source
of the Cayman Islands

Tropical Disturbances





*Official Weather Source
of the Cayman Islands*

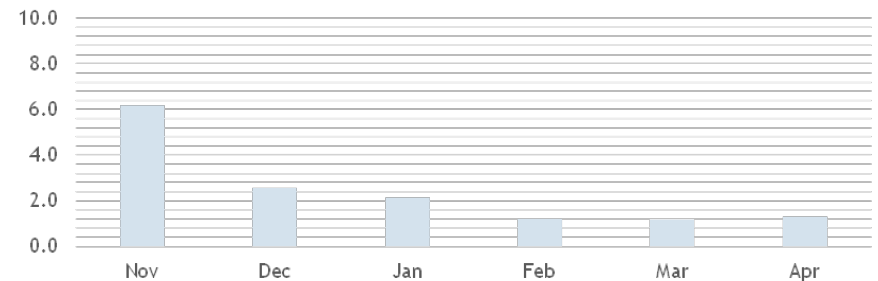
Dry Season

- Min Average Temperature: 68°F
- Rainfall Totals: 2.4 inches
- Main Producer of Precipitation:
 - Cold Fronts - rainfall not long lasting or plentiful and dependent on the cold front reaching south enough to reach our area.



30-Year Dry Season Rainfall Totals [in] (1991-2020)

At Owen Roberts Intl Airport, Grand Cayman
[19.3°N, 81.3°W]



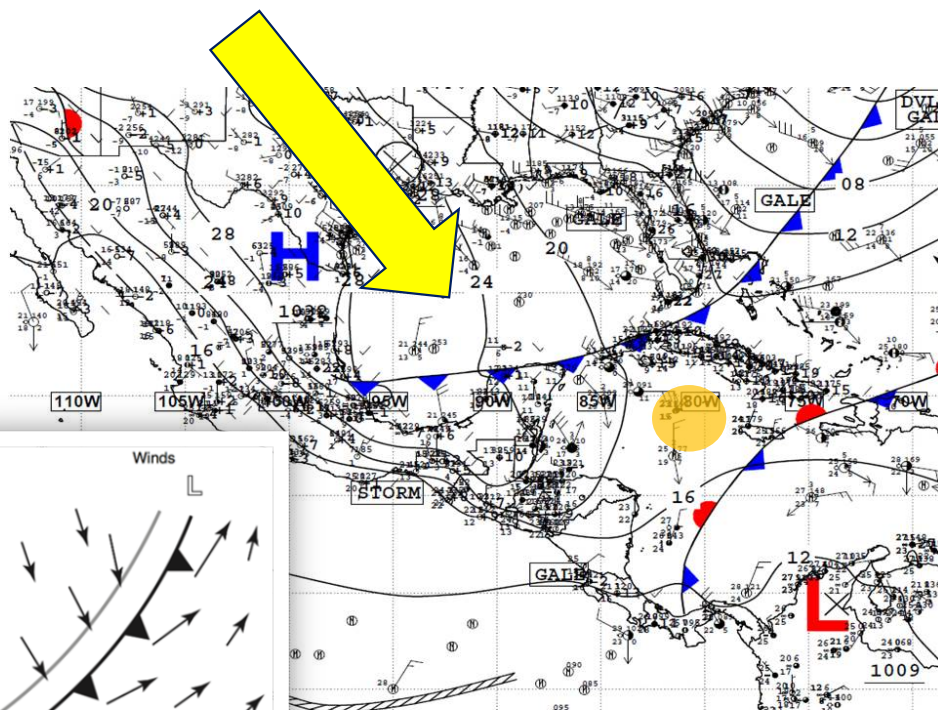


Official Weather Source
of the Cayman Islands

Cold Fronts

BEFORE

- Light Winds



Service Unified Surface Analysis (USA) Valid 1200 UTC 09 February

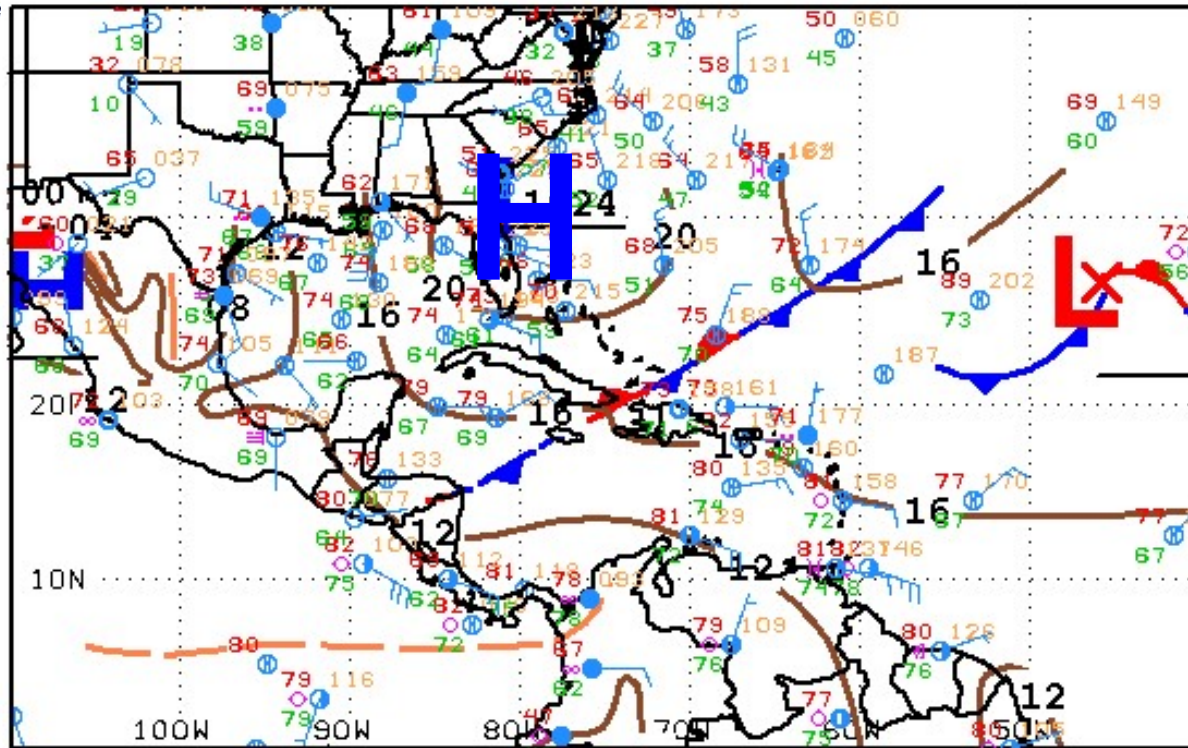
AFTER

- Cooler Temperatures (~70°F)
- Fresh-Strong (Northwesterly) Winds
- Precipitation





Official Weather Source
of the Cayman Islands



12Z SOUTHWEST NORTH ATLANTIC SFC ANALYSIS

ISSUED:

Mon Apr 11 14:52:13 UTC 2022

NATIONAL HURRICANE CENTER

MIAMI, FLORIDA

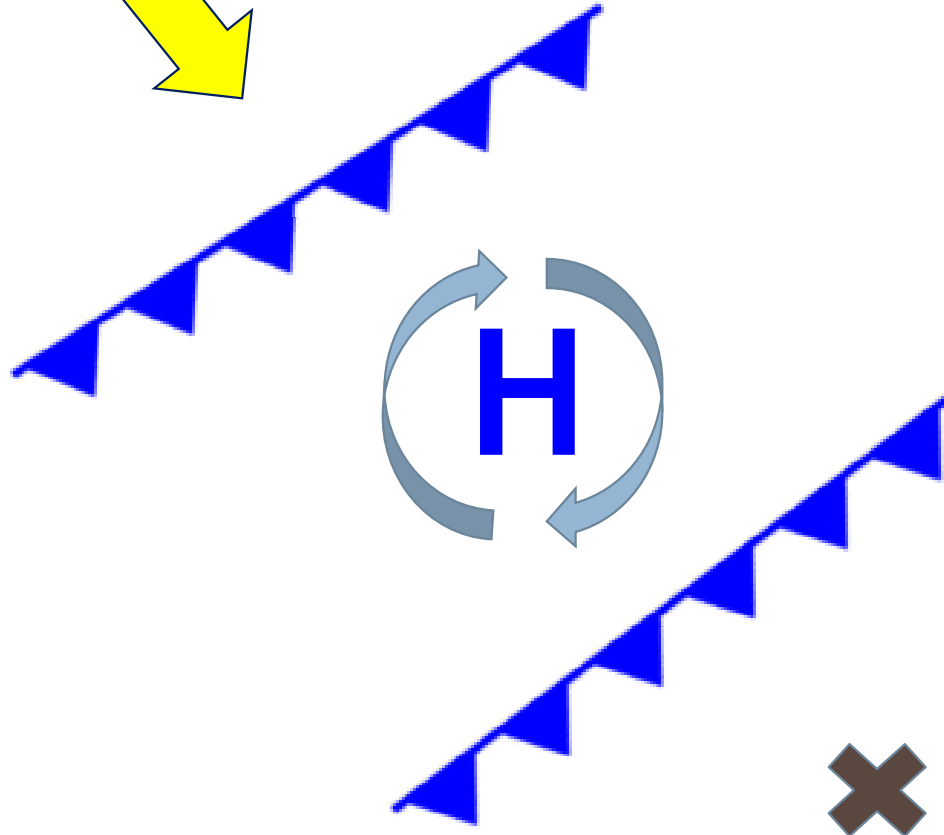
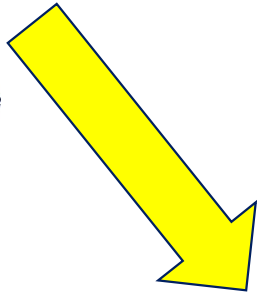
BY TAFB ANALYST: MT

COLLABORATING CENTERS: NHC OPC





*Official Weather Source
of the Cayman Islands*





*Official Weather Source
of the Cayman Islands*

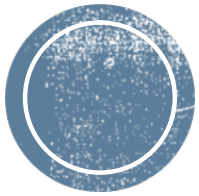
**Red sky at night, sailor's delight.
Red sky in morning, sailor's warning.**





Official Weather Source
of the Cayman Islands

WEBSITE: www.weather.gov.ky RADIO: 107.9 FM PHONE: 945-5773



NATIONAL
WEATHER SERVICE

Official Weather Source
of the Cayman Islands

ABOUT ▾

FORECAST ▾

CLIMATE ▾

HURRICANES

PRESS ROOM

FOI ▾

FINANCIAL REPORTS

TODAY'S FORECAST As of 12 Apr 2022 5:20 PM



Evening

SHOWERS

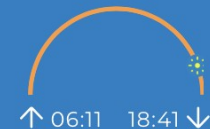
Min 76° F | Max 85° F



Night

SHOWERS

Min 76° F
| Max 85° F



East at 15 to 20 knots.



Rough with a wave height of 4 to 6 feet.

Small craft should exercise caution over open water