



# DRY SEASON SUMMARY

December 2025 - April 2026

Climatologically, the dry season is characterized by reduced rainfall totals, with most precipitation associated with the passage of cold fronts, which can also lead to cooler temperatures. January is usually the coolest month, March is the driest month, and the wettest conditions usually occur at the start of the season.

## GRAND CAYMAN RAINFALL STATISTICS

Climatological (Clim.) Averages: based on the current 30-year averages for the WMO climatological period of 1991-2020.

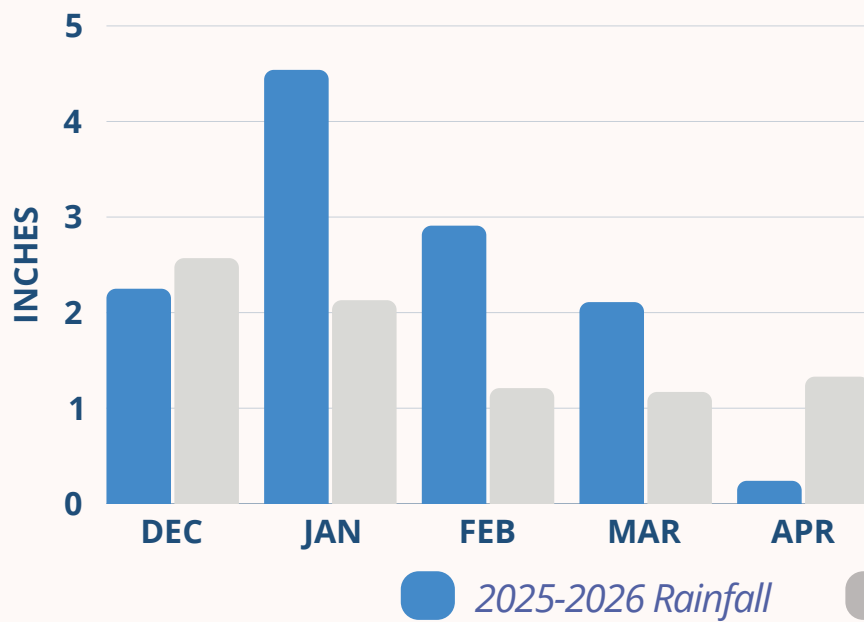
### SEASONAL STATISTICS

TOTAL <b>12.1 in</b>	CLIMATOLOGICAL AVERAGE <b>8.5 in</b>	RAINFALL DEFICIT <b>3.6 in</b>	HISTORICAL RANKING <b>56th DRIEST SEASON</b>	DAYS OF RAIN > 1 INCH <b>3</b>	SEASONAL HIGHLIGHT <b>4.5IN OF RAINFALL FROM COLD FRONT PASSAGES</b>
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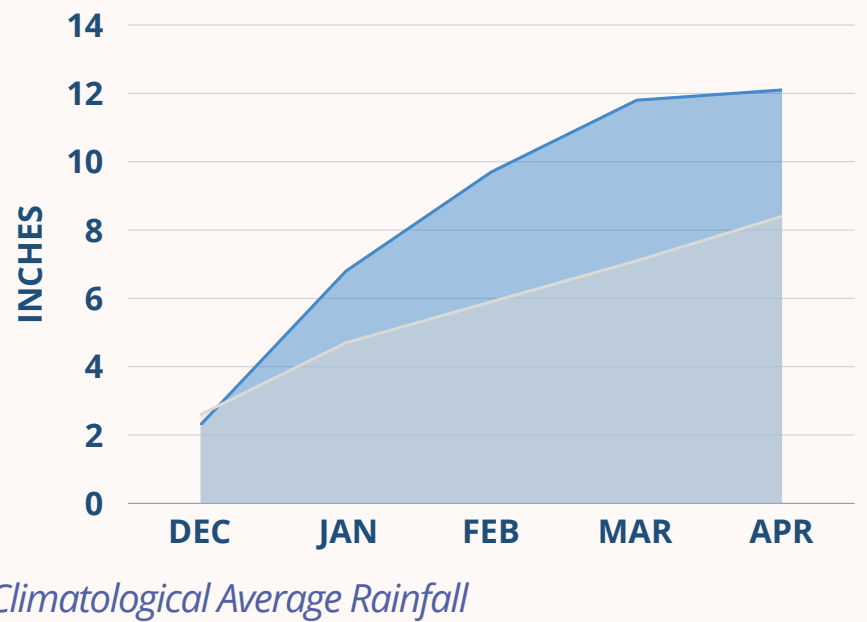


### MONTHLY STATISTICS

#### RAINFALL TOTALS VS CLIM. AVERAGE



#### RAINFALL ACCUMULATION VS CLIM. AVERAGE



### SEVERE WEATHER

Cold fronts often bring rainfall, followed by gusty winds and a period of cooler temperatures with drier conditions thereafter.

Cold fronts were first observed in late December 2025, occurring most frequently in January 2026 before gradually decreasing in frequency through the remainder of the season.

RAINIEST DAY  
**2.2 in**  
JAN 19TH

NUMBER OF COLD FRONT PASSAGES  
**8**

### HIGHLIGHTS

- This season in Grand Cayman was **wetter** than average. Seasonal rainfall exceeded both the climatological average and the previous dry season total of 6.2 inches.
- Rainfall associated with cold fronts totaled 4.5 inches during the season, accounting for approximately 40% of the seasonal rainfall.
- January, which experienced the highest frequency of cold front passages, was the wettest month of the season.
- As ENSO conditions transitioned from Neutral toward the anticipated El Niño phase, drier conditions developed toward the end of the season. April was the driest month season.



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## CAYMAN BRAC RAINFALL STATISTICS

Climatological (Clim.) Averages: based on the 10-year averages for the period of 2011-2020.

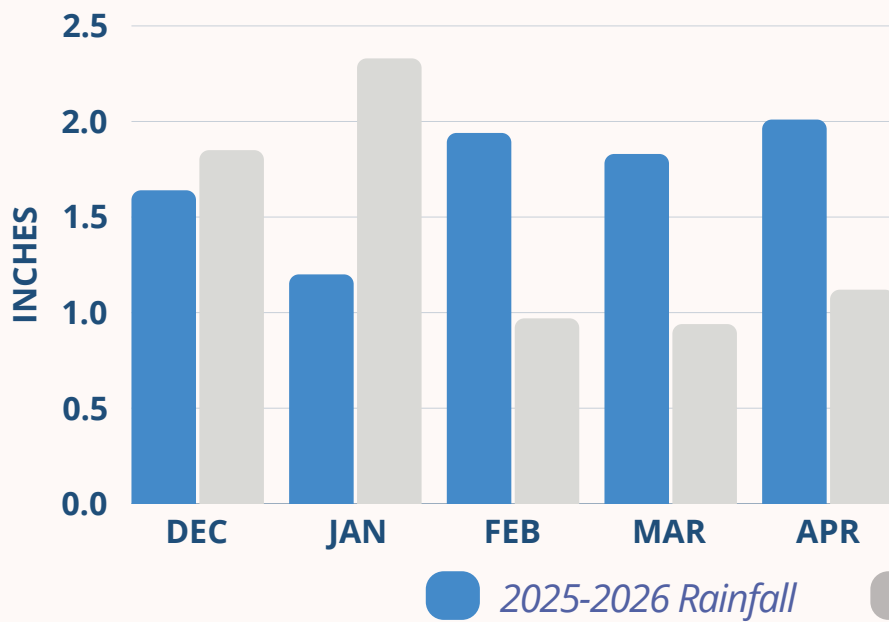
### SEASONAL STATISTICS

TOTAL <b>8.6 in</b>	CLIMATOLOGICAL AVERAGE <b>7.2 in</b>	RAINFALL DEFICIT <b>+1.4 in</b>	HISTORICAL RANKING <b>17th DRIEST SEASON</b>	DAYS OF RAIN > 1 INCH <b>2</b>	SEASONAL HIGHLIGHT <b>5th Wettest Dry Season</b>
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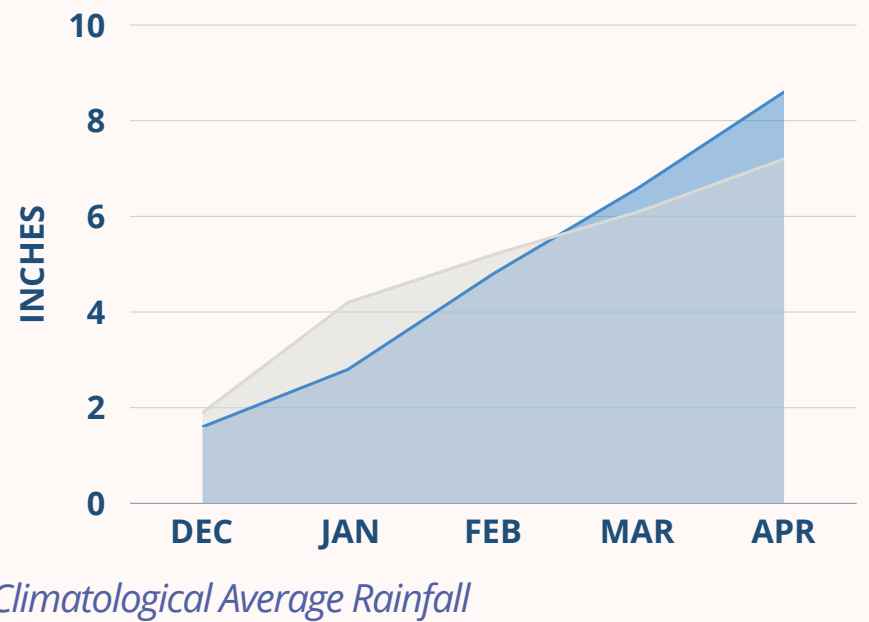


### MONTHLY STATISTICS

#### RAINFALL TOTALS VS CLIM. AVERAGE



#### RAINFALL ACCUMULATION VS CLIM. AVERAGE



### SEVERE WEATHER

Cold fronts often bring rainfall, followed by gusty winds and a period of cooler temperatures with drier conditions thereafter.

Cold fronts were first observed in late December 2025, occurring most frequently in January 2026 before gradually decreasing in frequency through the remainder of the season.

RAINIEST DAY  
**1.2 in**  
JAN 18TH

NUMBER OF COLD FRONT PASSAGES  
**8**

### HIGHLIGHTS

- This season in Cayman Brac was slightly **wetter** than average, with total rainfall falling below the climatological average, but above the previous dry season total of 3.8 inches.
- Cayman Brac experienced less rainfall with cold front passages than Grand Cayman, accumulating just over an inch, a fourth of the rainfall in comparison. This rainfall accounted for 18% of the rainfall for the season.
- Despite January experiencing the highest frequency of cold front passages, April was the wettest month of the season.



National Weather Service

Cayman Islands Government

# DRY SEASON SUMMARY

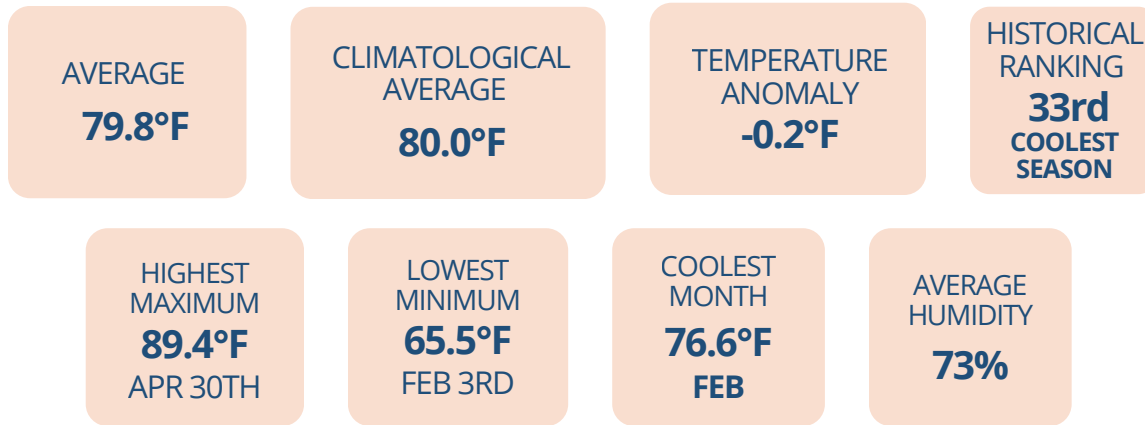
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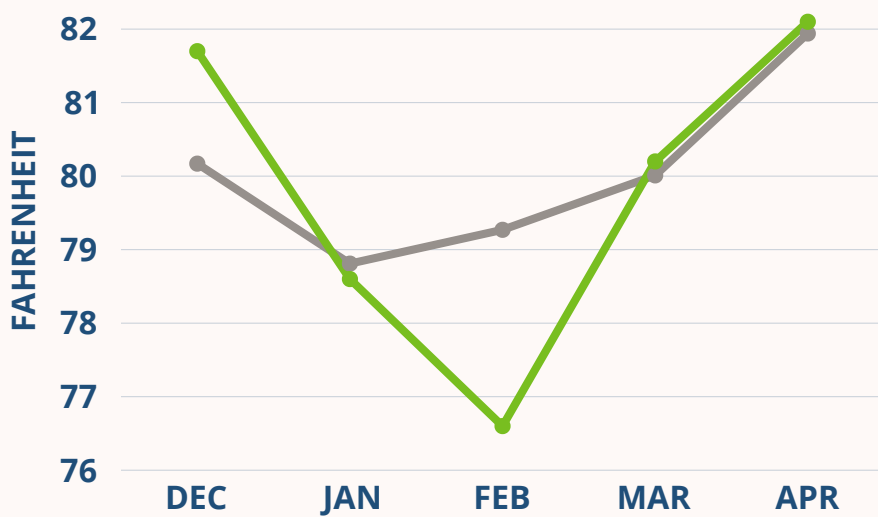
## GRAND CAYMAN TEMPERATURE STATISTICS

Climatological (Clim.) Averages: based on the current 30-year averages for the WMO climatological period of 1991-2020.

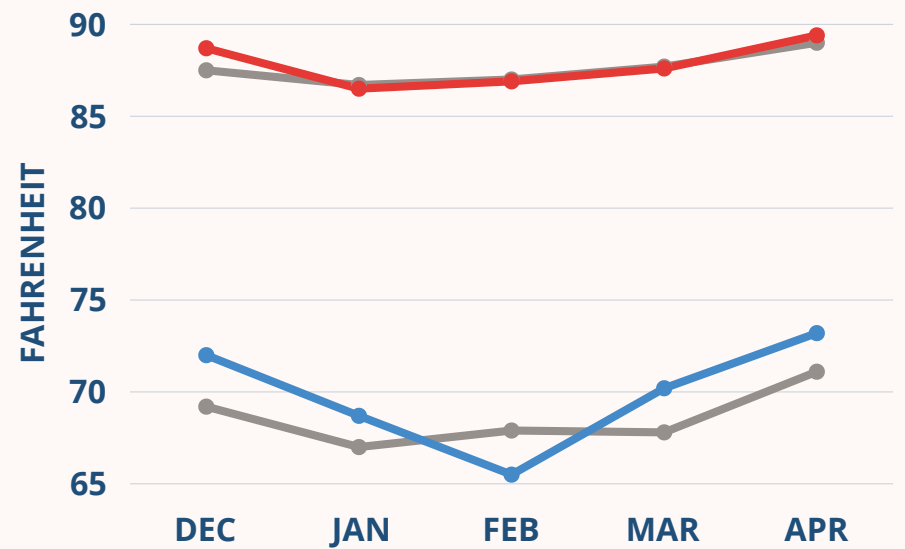
SEASONAL STATISTICS



### AVERAGE TEMPERATURE VS CLIM. AVERAGE



### MAX & MIN TEMPERATURE VS CLIM. AVERAGE



● 2025-2026 Temperatures    
 ● Min Temperatures    
 ● Max Temperatures    
 ● Clim. Average Temperatures

HIGHLIGHTS

- This season in Grand Cayman was slightly **cooler** than average, marking it one of the coolest dry seasons observed in more than a decade. While January recorded the highest frequency of cold front passages, by February, colder air masses over the United States resulted in more pronounced cooling when cold fronts reached the Cayman Islands.
- Monthly maximum temperatures remained near to slightly above-average throughout the season.
- Monthly minimum temperatures were generally above average. However, February recorded 2.5° below its average minimum temperature due to the passage of a strong cold front, with temperatures dropping as low as 65.5°F.
- February was the coolest month of the season, while April was the warmest.
- February recorded one of its coolest average temperature in nearly 40 years.



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## CAYMAN BRAC TEMPERATURE STATISTICS

Climatological (Clim.) Averages: based on the 10-year averages for the period of 2011-2020.

SEASONAL STATISTICS

AVERAGE  
**80.5°F**

CLIMATOLOGICAL  
AVERAGE  
**81.1°F**

TEMPERATURE  
ANOMALY  
**-0.7°F**

HISTORICAL  
RANKING  
**3rd  
COOLEST  
SEASON**

HIGHEST  
MAXIMUM  
**88.9°F**  
APRI 18TH

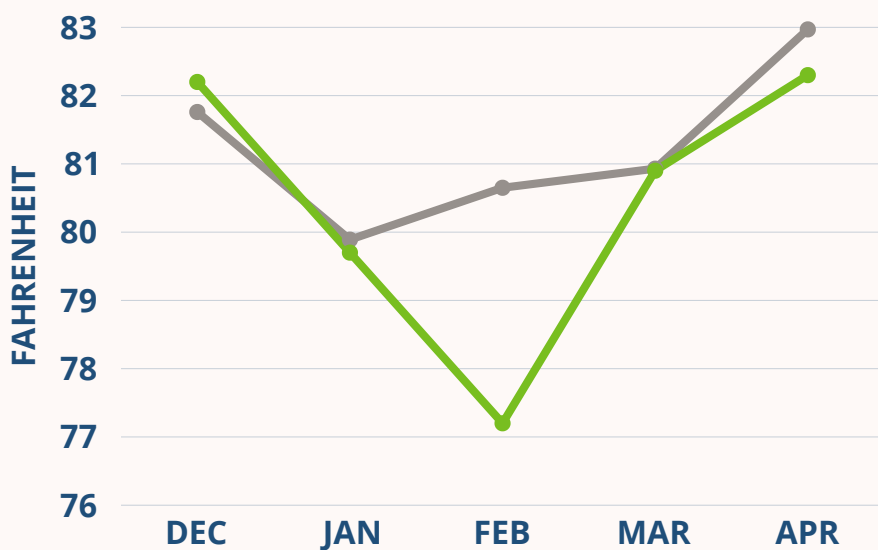
LOWEST  
MINIMUM  
**63.3°F**  
FEB 3RD

COOLEST  
MONTH  
**77.2°F**  
FEB

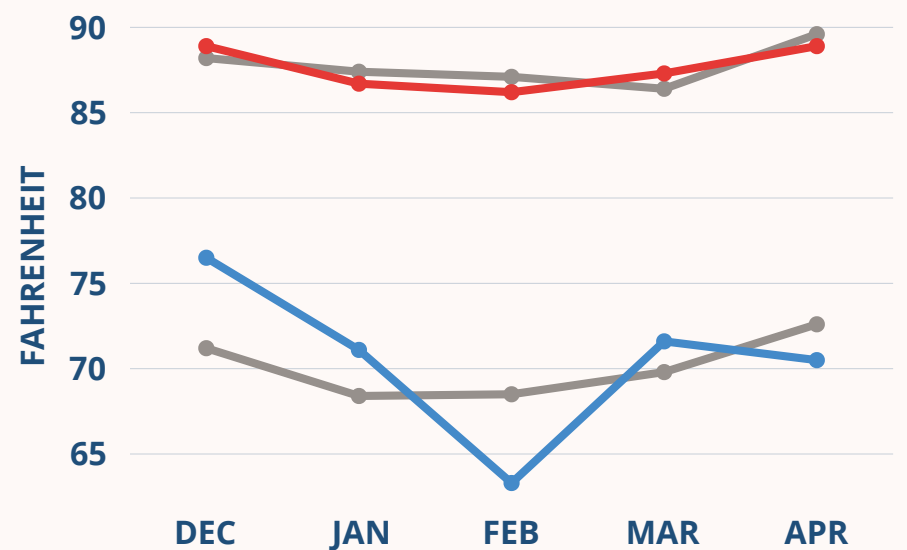
AVERAGE  
HUMIDITY  
**74%**



### AVERAGE TEMPERATURE VS CLIM. AVERAGE



### MAX & MIN TEMPERATURE VS CLIM. AVERAGE



● 2025-2026 Temperatures    
 ● Min Temperatures    
 ● Max Temperatures    
 ● Clim. Average Temperatures

HIGHLIGHTS

- This season in Cayman Brac was **cooler** than average, marking it the third coolest dry season on record. While January recorded the highest frequency of cold front passages, by February, colder air masses over the United States resulted in more pronounced cooling when cold fronts reached the Cayman Islands.
- Monthly maximum temperatures remained near average throughout the season.
- Monthly minimum temperatures were generally above average. However, February recorded about 5° below its 10-year average minimum temperature due to the passage of a strong cold front, with temperatures dropping as low as 63.3°F.
- February was the coolest month of the season, while April was the warmest.
- February recorded its new coolest average temperature on record.

The public is encouraged to stay prepared and informed through severe weather updates issued by the Cayman Islands National Weather Service.

CAYMAN BRAC



# DRY SEASON SUMMARY

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## CONCLUSION

*Weather observations in the Cayman Islands are currently being recorded at the Owen Roberts International Airport on Grand Cayman with over 60 years of data, and at the Charles Kirkconnell International Airport on Cayman Brac with 20 years of data.*

*Climatological averages for Grand Cayman are based on the current 30-year averages from the WMO climatological period of 1991-2020. Climatological averages for Cayman Brac are based on the 10-year averages for the period of 2011-2020.*

## WEATHER DRIVERS

In line with the season prediction, the season commenced under weak La Nina conditions with a transition into neutral-ENSO conditions by March.

## SEASON SYNOPSIS

Rainfall totals were near to above average during the first four months of the year, while the average temperature was generally below the climatological average in the early part of the season. A gradual warming trend began to emerge in Grand Cayman from March onward.

These conditions occurred during a weak La Niña phase, combined with the passage of several cold fronts, both of which supported increased rainfall and cooler temperatures across the region. The cold fronts affecting the northwest Caribbean during this dry season were linked to strong winter frontal systems over North America, which allowed cold continental air masses to drift southward, at times reaching the Cayman Islands.

In January, four (4) cold fronts were observed, bringing strong winds and rough seas prompting a few Small Craft Alerts. Minimum temperatures dropped to 68.7°F in Grand Cayman and 71.7°F in Cayman Brac.

In February, three (3) cold fronts were observed, bringing near gale-force gusts and very rough seas prompting a Marine Watch. Minimum temperatures fell further, reaching 65.5°F in Grand Cayman and 63.3°F in Cayman Brac.

In March, one (1) cold front was observed bringing moderate to fresh winds and moderate to rough seas prompting a Small Craft Alert. Minimum temperatures reached 73.0°F in Grand Cayman and 71.9°F in Cayman Brac.

Although rainfall was near to above average earlier in the season, a drying trend became evident particularly in Grand Cayman as the late dry season transition approached. This shift aligns with the transition to ENSO-neutral conditions around March, which typically support near-average rainfall. As another transition to El Niño for the May-July period begins to emerge, drier conditions started to develop from April.

During this late dry season transition phase, particularly from March into April, ridges of high pressure intermittently influenced the northwest Caribbean. These systems brought periods of moderate to fresh winds and moderate to rough seas, at times requiring Small Craft Advisories and Small Craft Alerts.

## GRAND CAYMAN

- **2nd warmest December** on record (previously held in 2016)

## CAYMAN BRAC

- **New coolest February** on record (previously held in 2016)
- **2nd coolest minimum temperature for February** on record (previously held in 2023)
- **3rd coolest minimum temperature for April** on record (previously held in 2012)