A semi-permanent high-pressure system.
The Bermuda High sits just north of the Caribbean region but dominates the weather southward.
Air moves clockwise and outward, spreading northeast and east winds throughout the Caribbean.
Pilots flying to the Caribbean land east into these winds, called trade winds or northeasterlies. Another dynamic of any high-pressure system is subsidence (slow sinking air) that hinders cloud development and rain.
That’s why your vacation weather is usually a carbon copy of the day before. Sometimes a shower is thrown into the equation due to daytime heating.

*This article originally appeared in the February 2017 edition of Air Canada’s enRoute Magazine as Takeoff with Captain Doug.*