

Supplementary Material for “Breaking the link:
Warming disrupts early-season rainfall
predictability in the Caribbean”

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Supplementary Information includes:

- Supplementary Figures S1 and S2

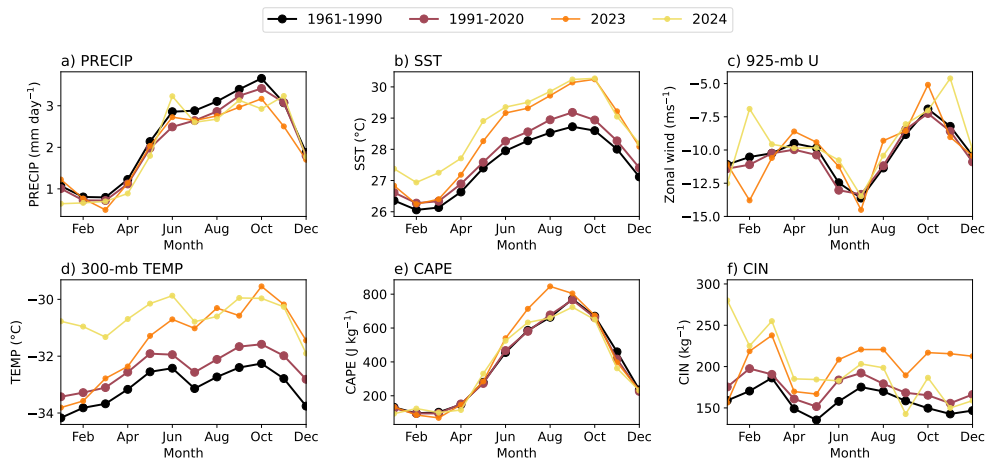


Fig. S1 Monthly climatology for a) precipitation rates (*PRECIP*), b) sea surface temperature (*SST*), c) 925-mb zonal wind speed (*U*), d) 300-mb air temperature (*T*₃₀₀), e) convective available potential energy (*CAPE*), and f) convective inhibition (*CIN*) for climatological norms 1961-1990 (black) and 1991-2020 (purple), and years 2023 (orange) and 2024 (yellow).

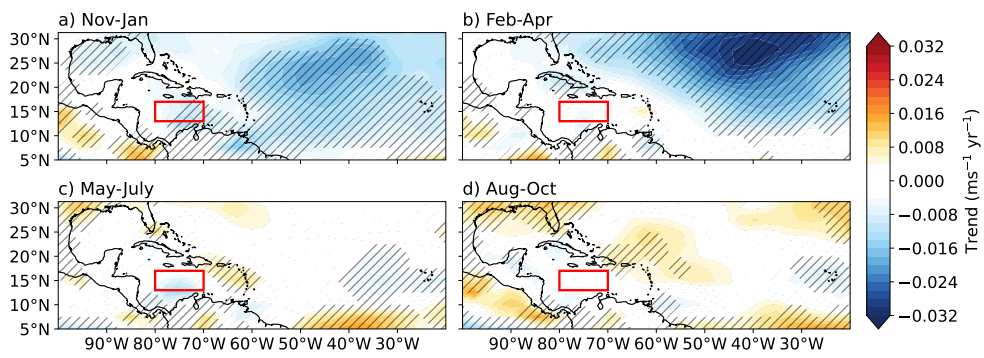


Fig. S2 Trends in seasonal 925-mb zonal wind speed (m s^{-1}) from 1979-2024. Orange/red shading indicates a weakening of the easterly wind speed and blue shading indicates a strengthening of the easterly wind speed over the domain. Hatching indicates trends statistically significant at the 95% confidence level.