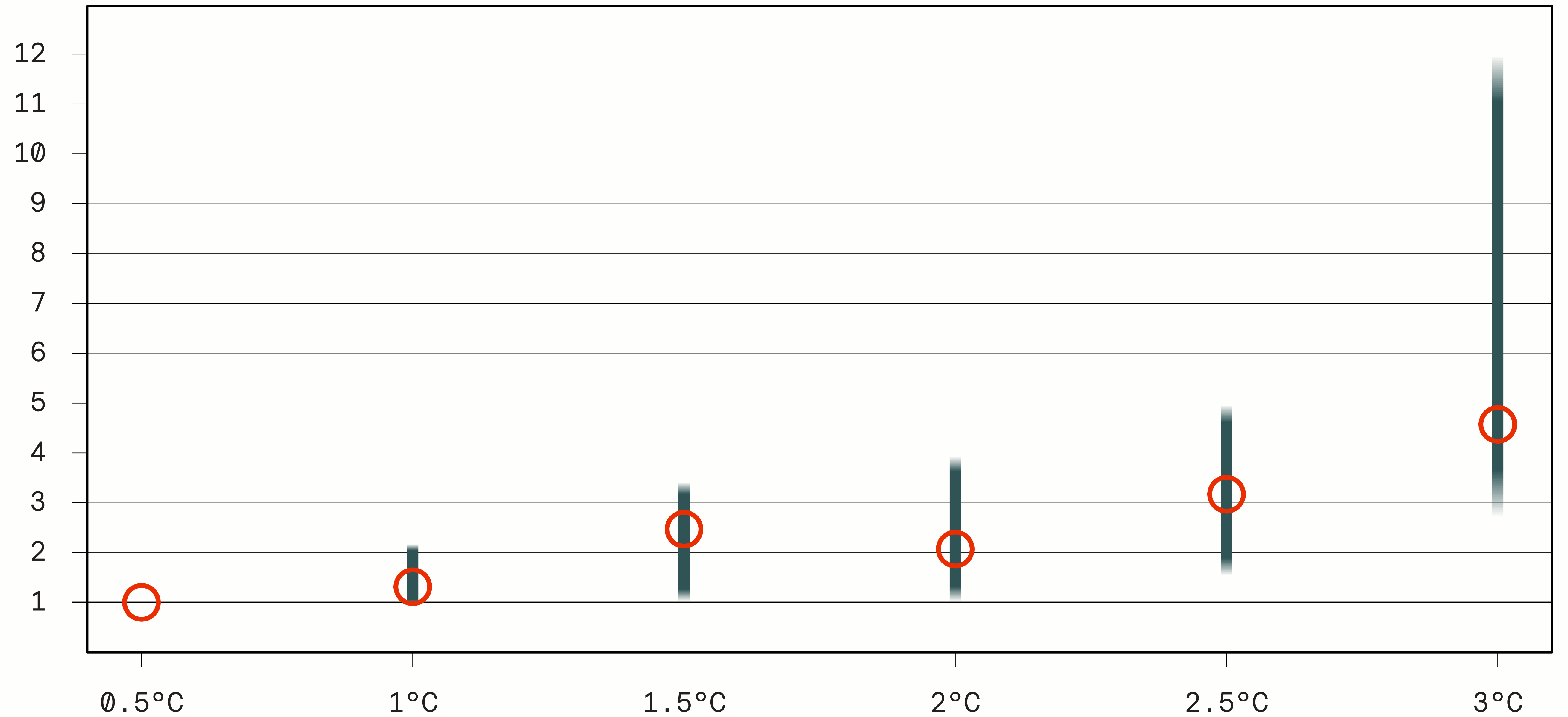


Change in frequency of historic “1-in-100 year” storm

Location: London, England

Frequency change
(X as frequent)



This chart depicts changes in the expected frequency of the historical “1-in-100 year” one-day precipitation event (1% probability of occurring in any given year) as the atmosphere warms. Circles indicate medians, and bars indicate a range of estimates from different models. For example, at 1.5°C of warming, climate models project that the historic 1% storm will occur around 2.5 times more frequently. The bar at 3°C indicates a range of potential frequencies from less than 3 times as frequent to more than 11 times as frequent. Data source: CORDEX-CORE ensemble (REMO2015 and RegCM4). Processed by Woodwell Climate Research Center.