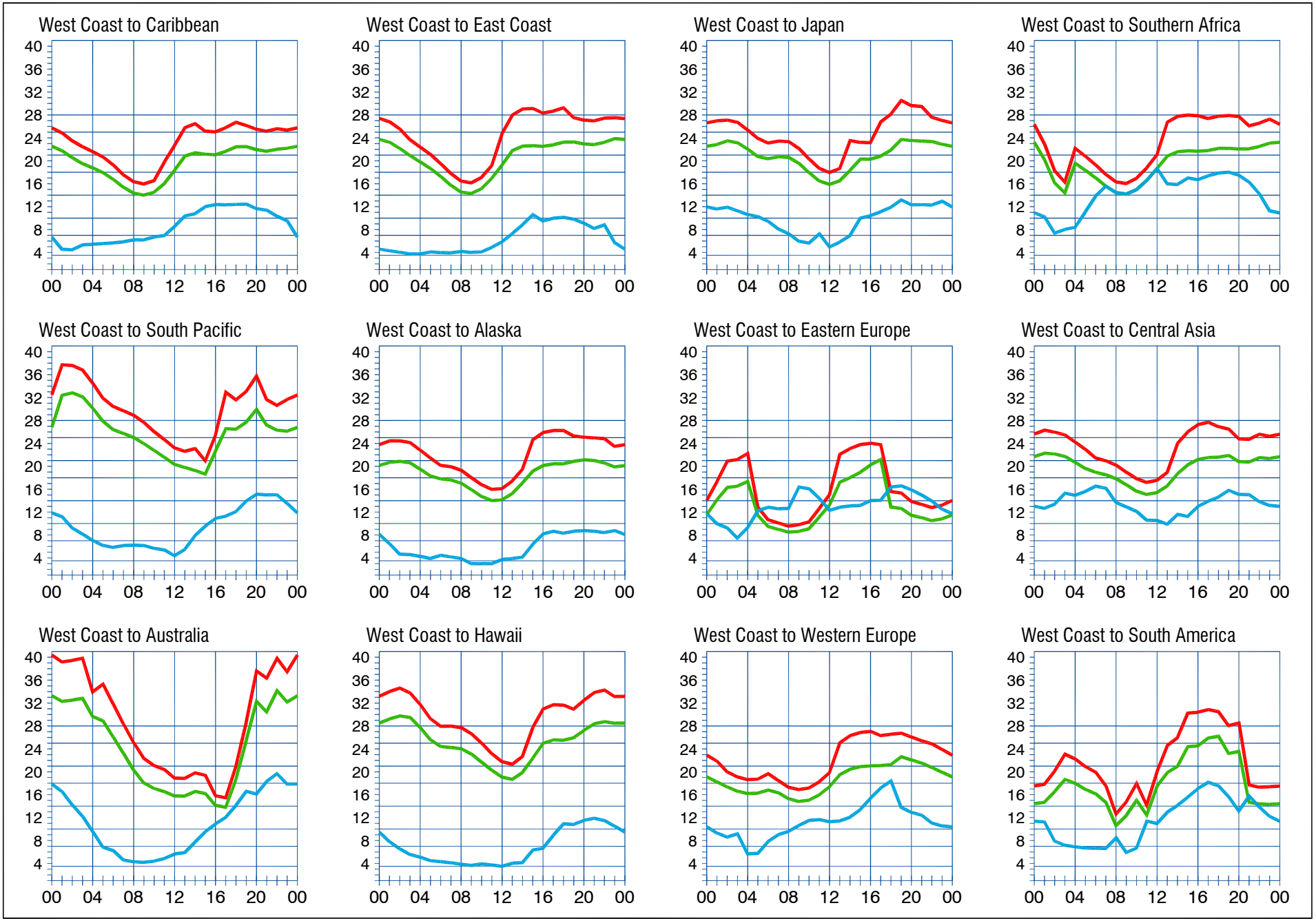

When are the bands open? These charts, generated using CAPman, show probabilities for average HF propagation in the month of **July**. On 10% of the days of this period, the highest frequencies propagated will be at least as high as the upper red curves (HPF, highest possible frequency) and on 50% of the days they will be at least as high as the green curves (MUF, classical maximum usable frequency). The blue curves show the lowest usable frequency (LUF) for a 1500-W CW transmitter. For SSB or a lower transmitter power, the LUF will be somewhat higher than the blue curves indicate. The horizontal axes show Coordinated Universal Time (UTC), and the vertical axes frequency in MHz The predictions assume an observed 2800-MHz solar flux value of **144**.