Plots for the hours of daylight model

Near the equator, at latitude 10°, there is not much variation in the length of a day:

![Graph of Hours of Daylight at Latitude 10 Degrees](image)

For Akron, at about 41° north, there is more variation:

![Graph of Hours of Daylight at Latitude 41 Degrees](image)

For the latitude 65° north, near the Arctic Circle, there is a lot of variation, and for the latitude 69° north, above the Arctic Circle, there are periods of total light and total darkness: