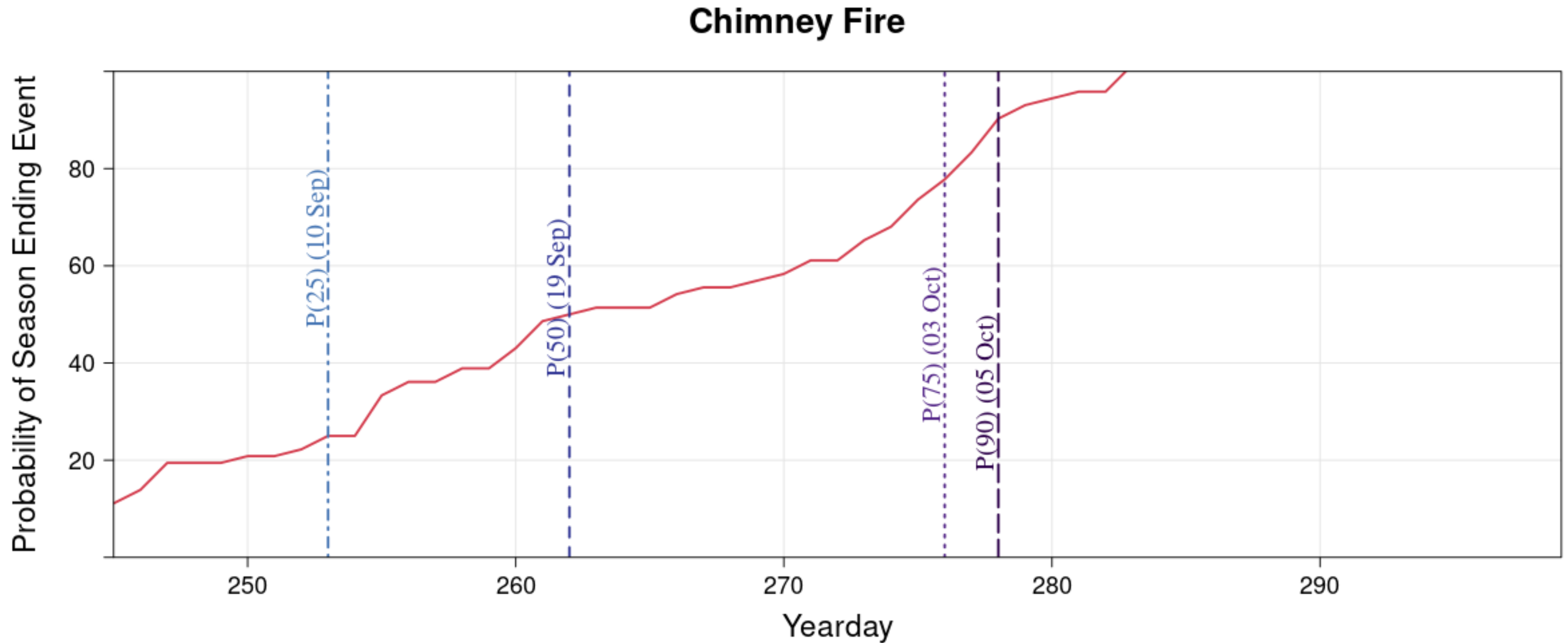# Chimney Fire ID-EIS-000311
Season Ending Analysis

Chimney Fire

This is based on 21 years of gridded weather data (2000-2020), and instead of the nearest Remote Automated Weather Station (RAWS) or a group of RAWS (a Special Interest Group [SIG]), it uses a recent fire perimeter.

The threshold factor is less subjective than the traditional approach. An annual time series of Energy Release Component (ERC) is extracted for each pixel in the fire perimeter. Time series data are scaled from 0-100. If the ERC in a time series drops below 75 (25% of the historical max) and remains below that threshold for the remainder of the year, the season-ending day is set. This is done for each time series (year). These season-ending dates are used to generate the season ending event probability graph.