Open Science Project

WINDROSE PYTHON PACKAGE

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1 Introduction

Great strives to better understand and display historical climatological data have been made in the past decade due to growing concerns over climate change. Many packages have been developed to model future climate data and display previously collected data, an example of the former is the Windrose Python package (Roubeyrie et al., 2018). A wind rose is used to display wind speed and directional data for a particular location.
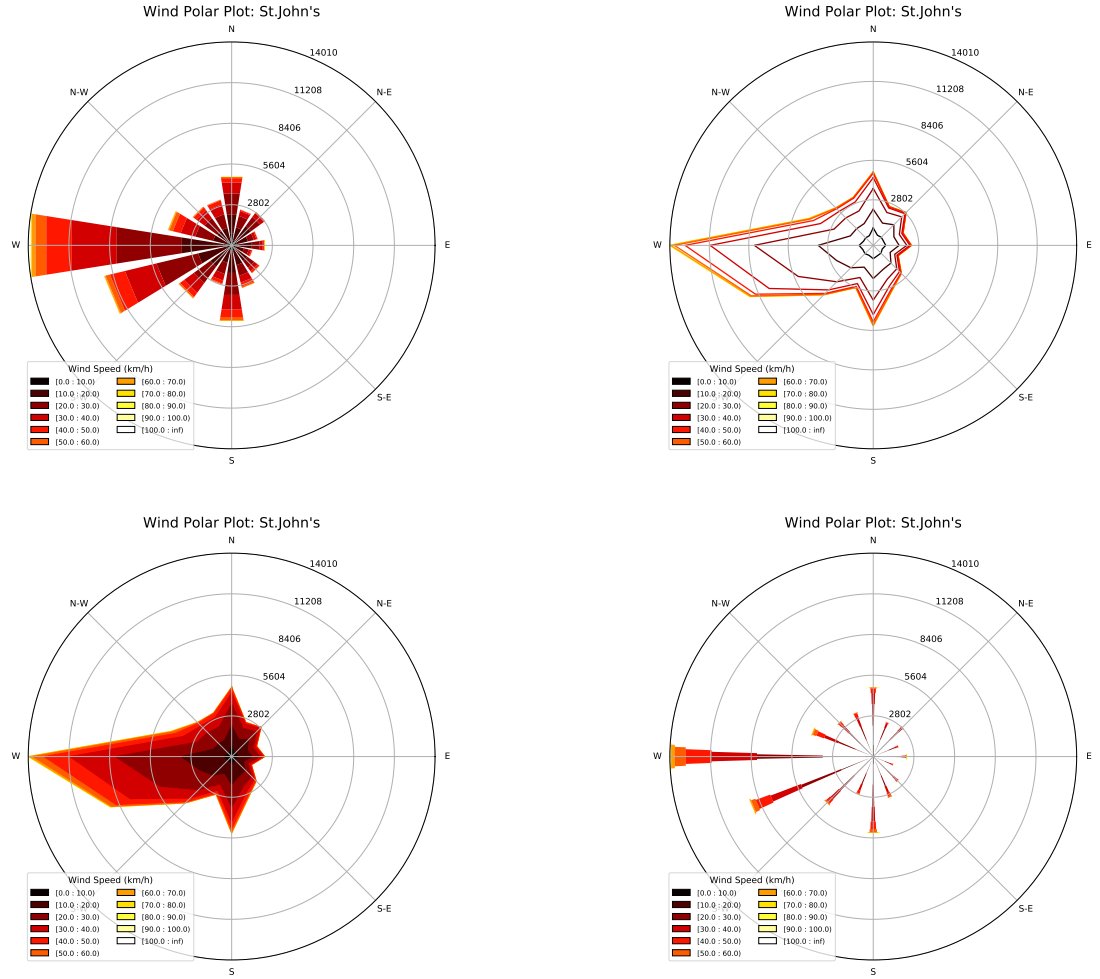

Figure 1: Directional wind data plotted in different type of polar diagrams for the Windrose Python package. Upper left: bar; upper right: contour, lower left: filled contour; lower right: box.