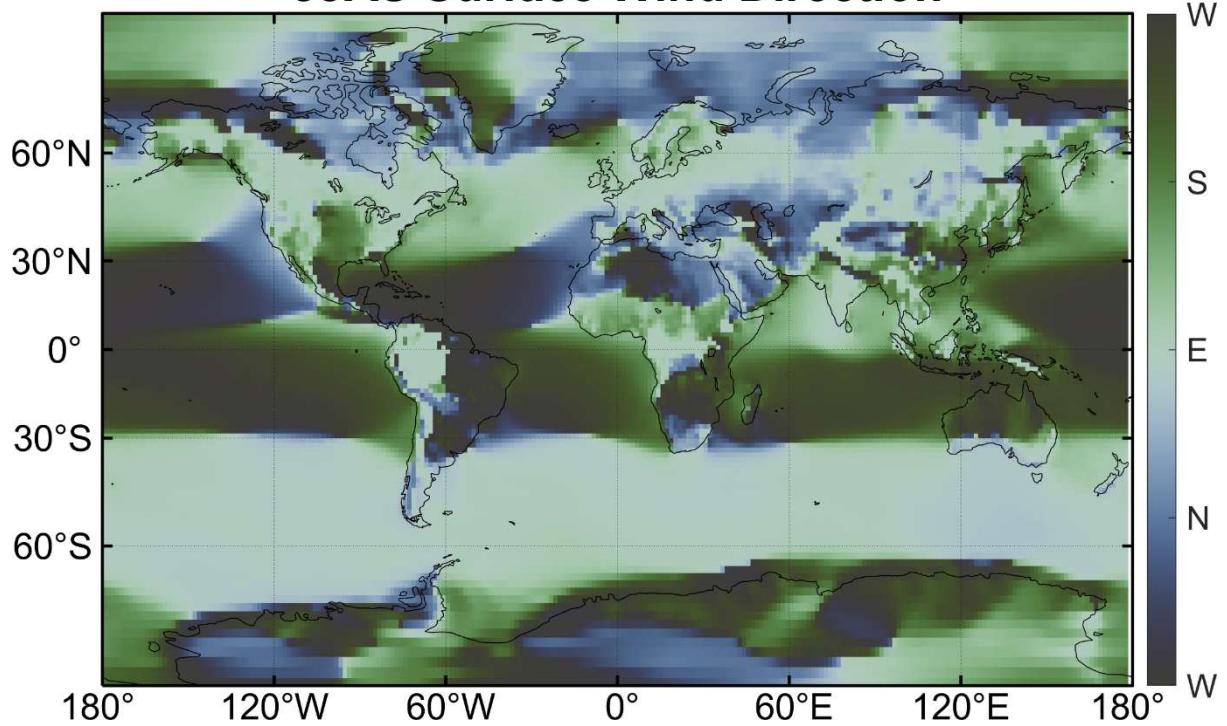


JJAS Surface Wind Direction



NDJF Surface Wind Direction

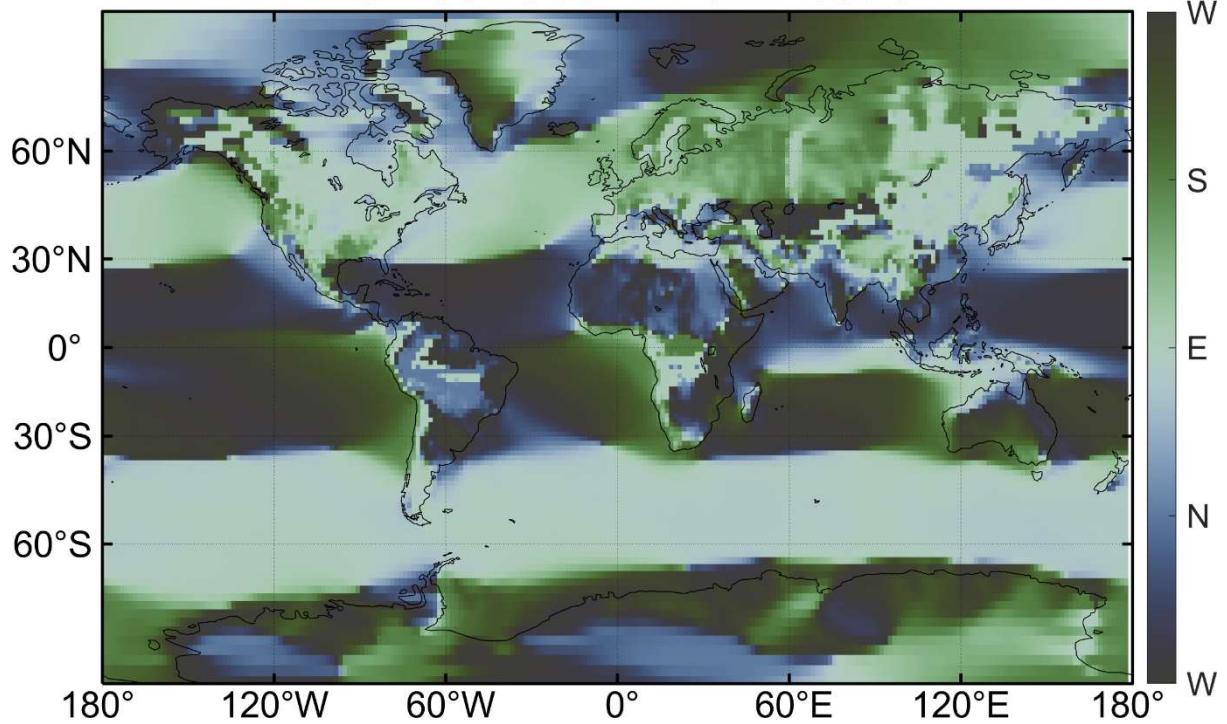


Figure S1. Average surface wind direction from ERA5 climatological reanalyses. The top panel has the average direction from June – September, and the bottom has the average direction from November – February.