

Arnhold BWMPA Project - Data wrangling - RSS wind data

Gavin McDonald (emLab)

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1 Download data

Data come from the CCMP Wind Vector Analysis Product. We use V2.0 for dates from 2012-2019, and V2.1 for dates from 2020-2021. The raw data provide u- and v- vectors of wind speed. For each location, we combine these to create absolute windspeed using $\text{wind_speed_m_s} = \sqrt{\text{uwnd}^2 + \text{vwnd}^2}$.

Data are downloaded from this [http](#) server.

2 Spatially aggregate data

```
## # A tibble: 0 x 0
```

3 Temporally aggregate data

We also aggregate mean and standard deviation wind speed by month and location.