Analysis of Rain and Wind Ocean Noise
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Goal: To characterize the ocean ambient sound generated by wind and rain
Data: OOI data at the Coastal Endurance Array
- Acoustic data is measured by the OOI broadband hydrophones
- Meteorological data is measured by the OOI surface buoys
Future Work: To use machine learning to predict rain and wind from acoustic data

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A Python toolbox for analyzing the OOI broadband hydrophone data

Sample Wind Noise
Sample Rain Noise