

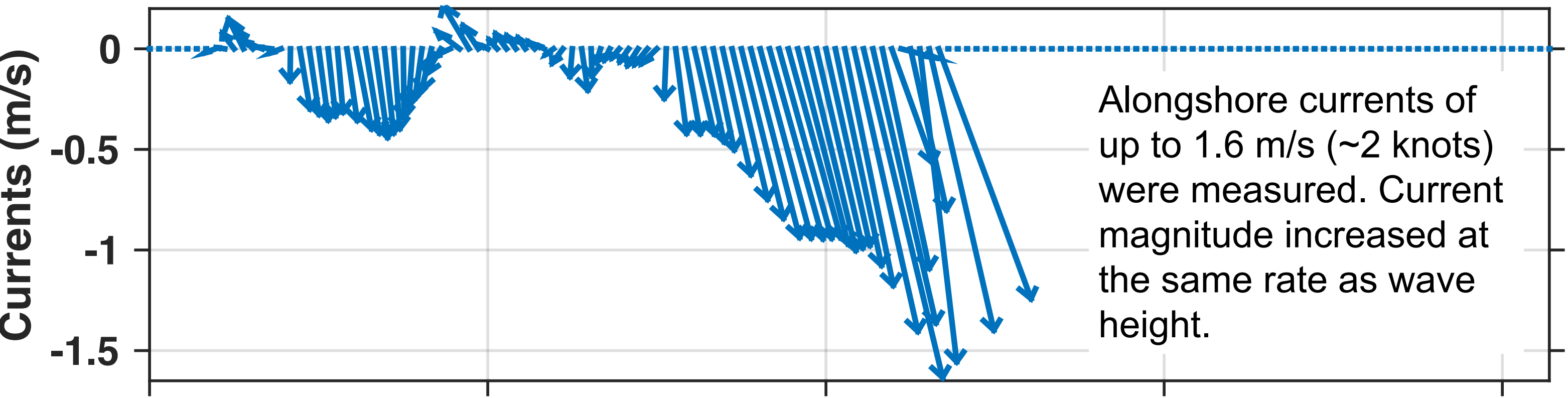
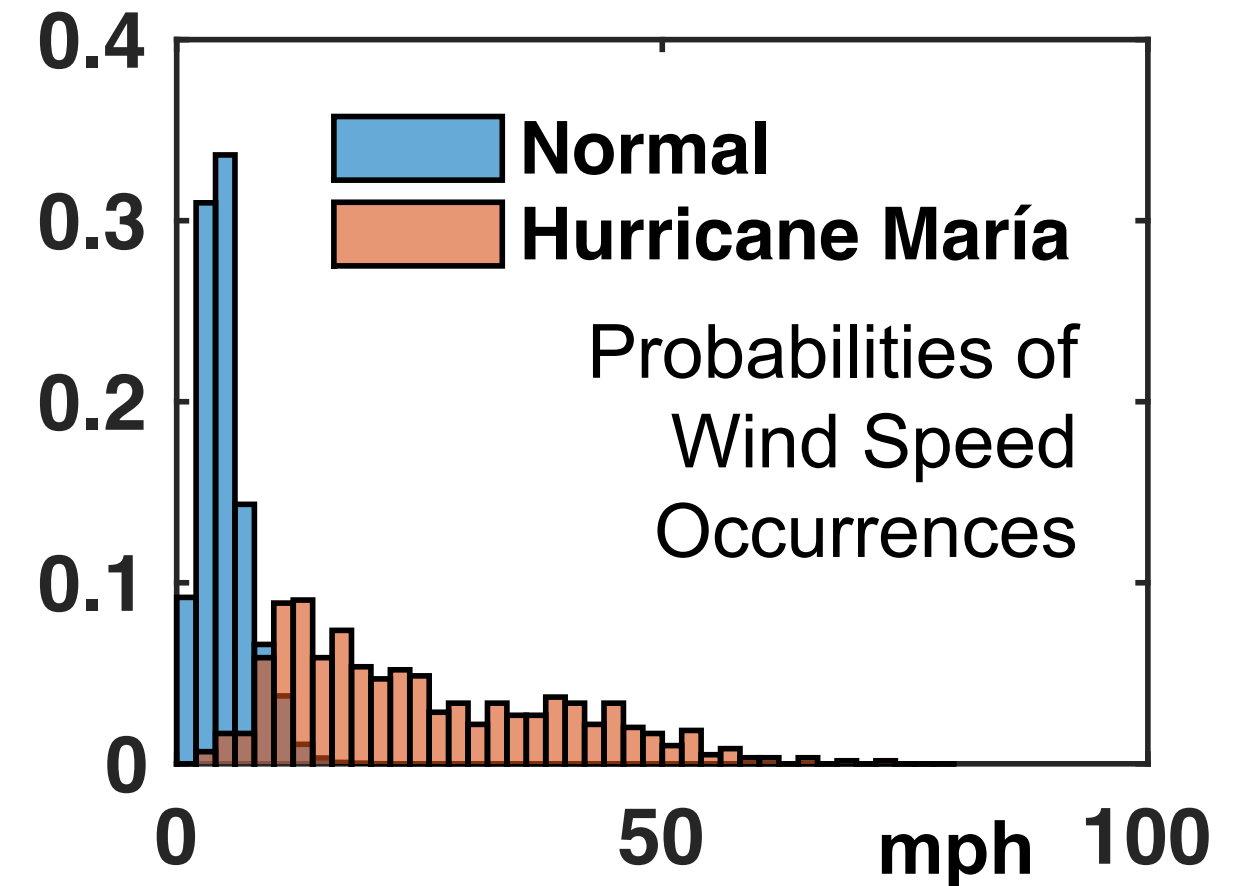
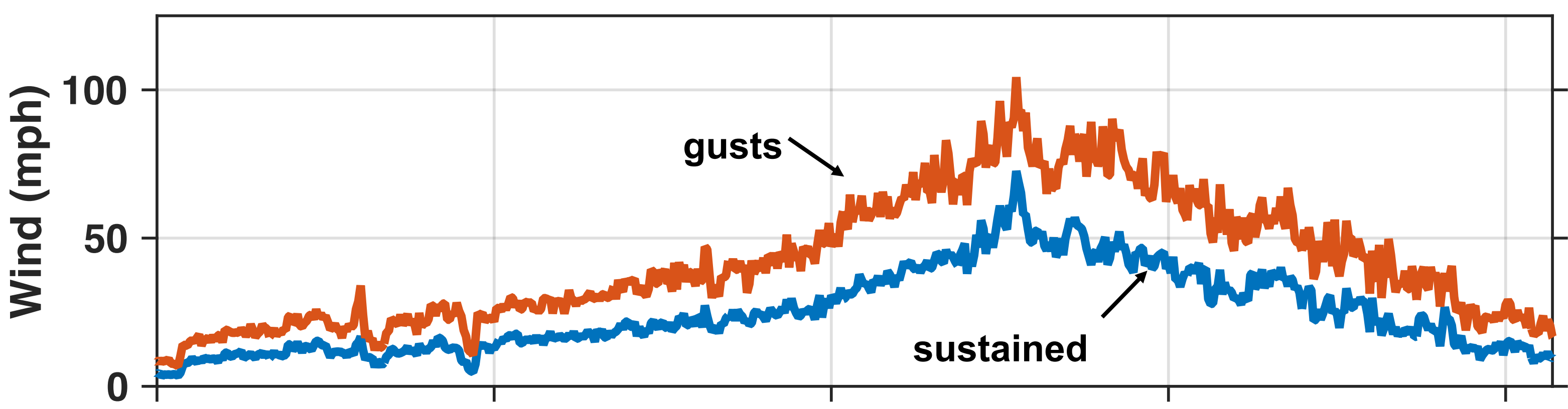
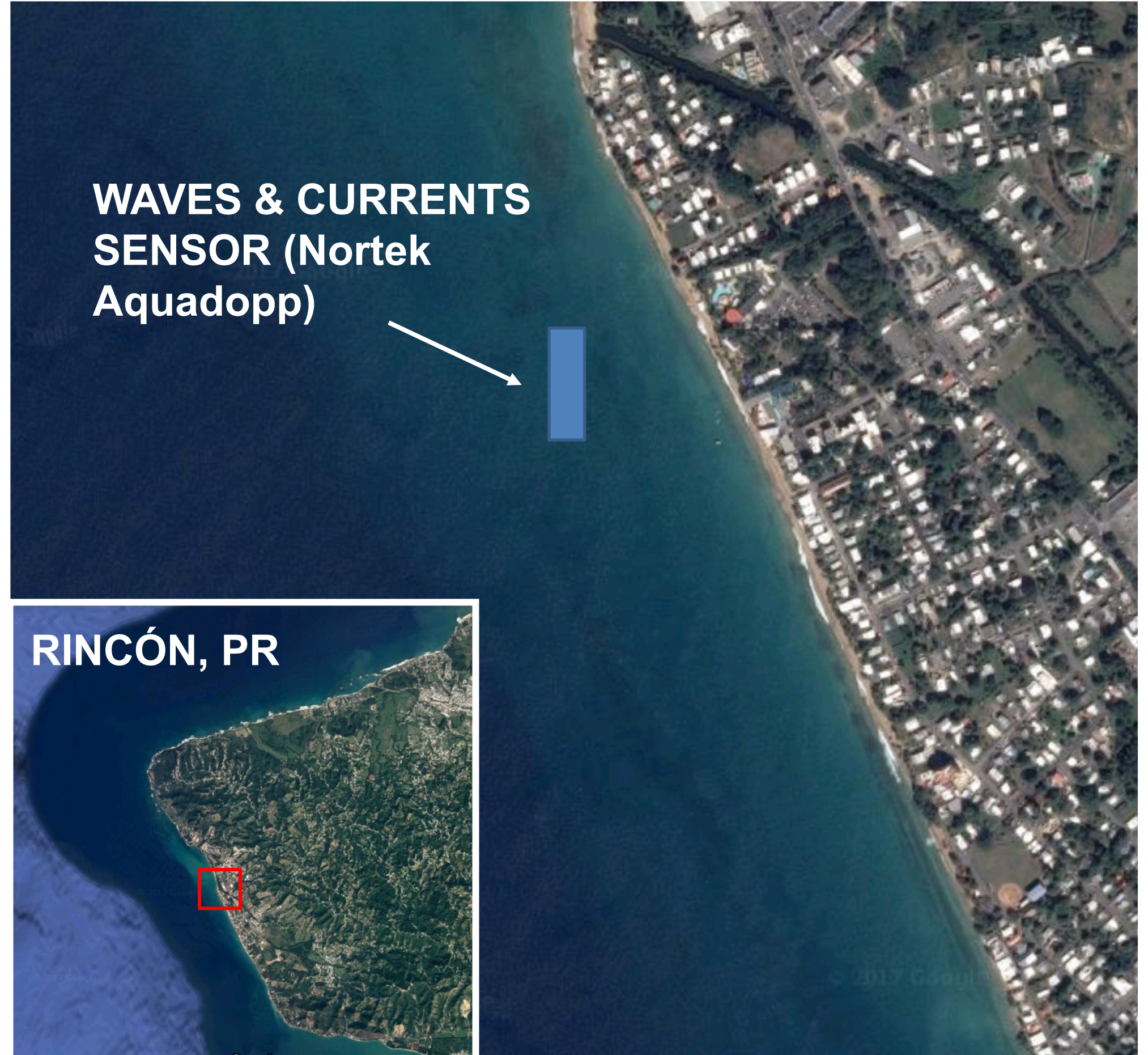
NEARSHORE WINDS, WAVES, AND CURRENTS IN RINCÓN, PR DURING HURRICANE MARÍA

Sylvia Rodríguez-Abudo, Patricia Chardón-Maldonado, Miguel Canals, Julio Morell

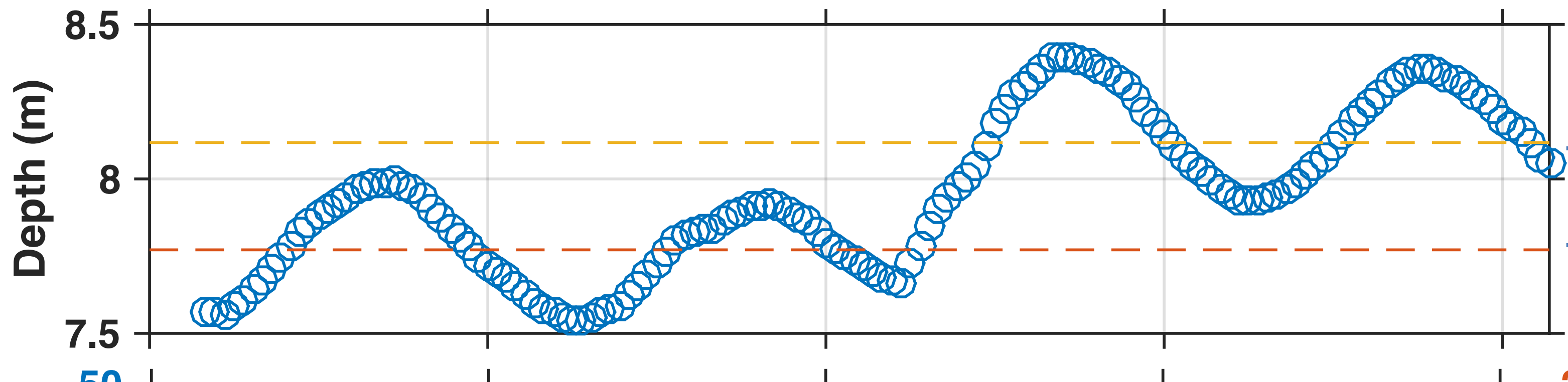
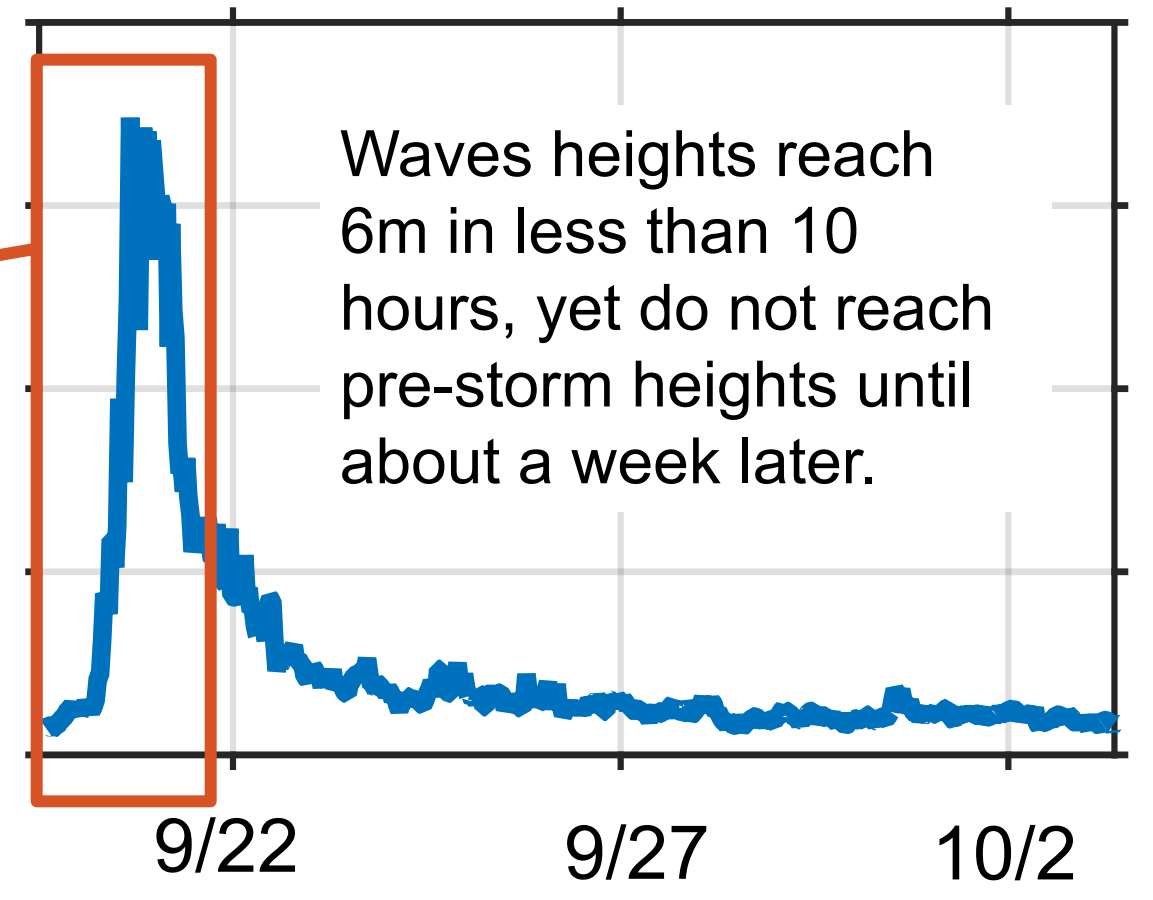
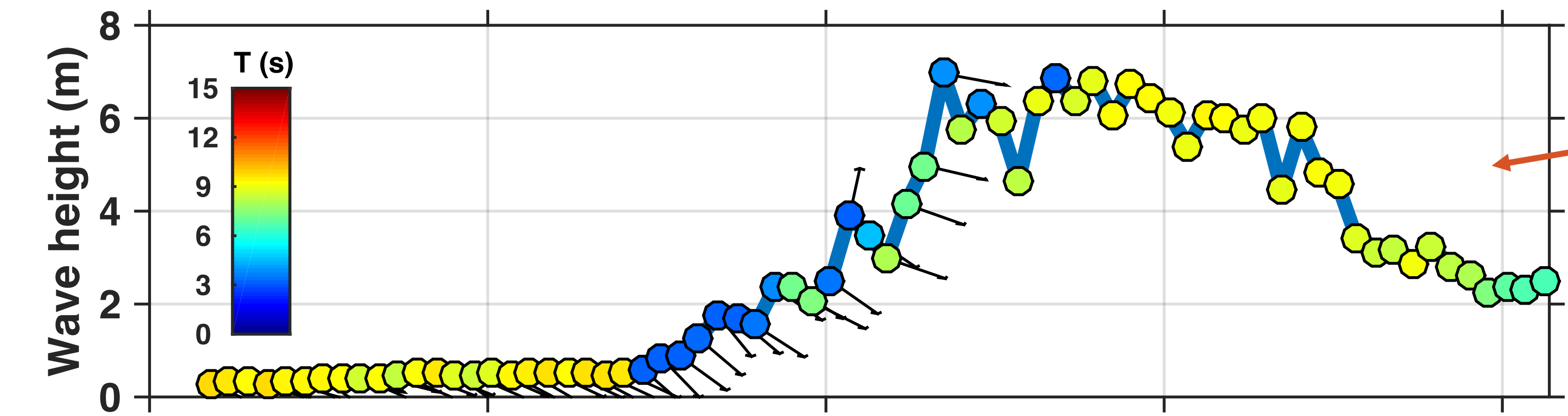


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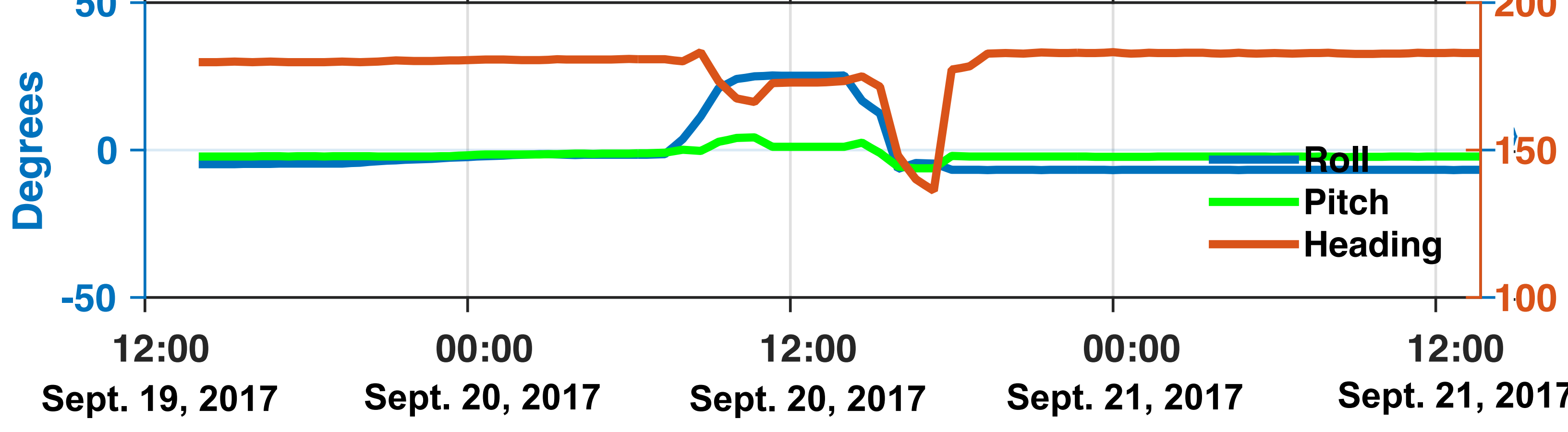
During Hurricane María, highly energetic waves and currents pounded on the southern portion of Rincón's coastline during, resulting in severe erosion of an already weakened coastal landscape. This work presents some of the forcing experienced by Rincón southern beaches.



For more wave and wind information please visit Drs. Canals', Chardón's, and Aponte's exhibits and posters on wave and wind modeling during Hurricanes Irma and María. For a local effort to monitor beach recovery dynamics please visit the posters of Dr. Chardón's students.



An apparent 0.35m change in MWL corresponds to an actual 0.22 m of sensor burial. Even more burial was observed during the big March swell. For more information please see Peter Rivera's exhibit.



During the big waves our bottom-mounted sensor rolled ~25° and rotated ~50° from its original bearing.

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