



*Supplement of*

## **Forecasting hurricane-forced significant wave heights using a long short-term memory network in the Caribbean Sea**

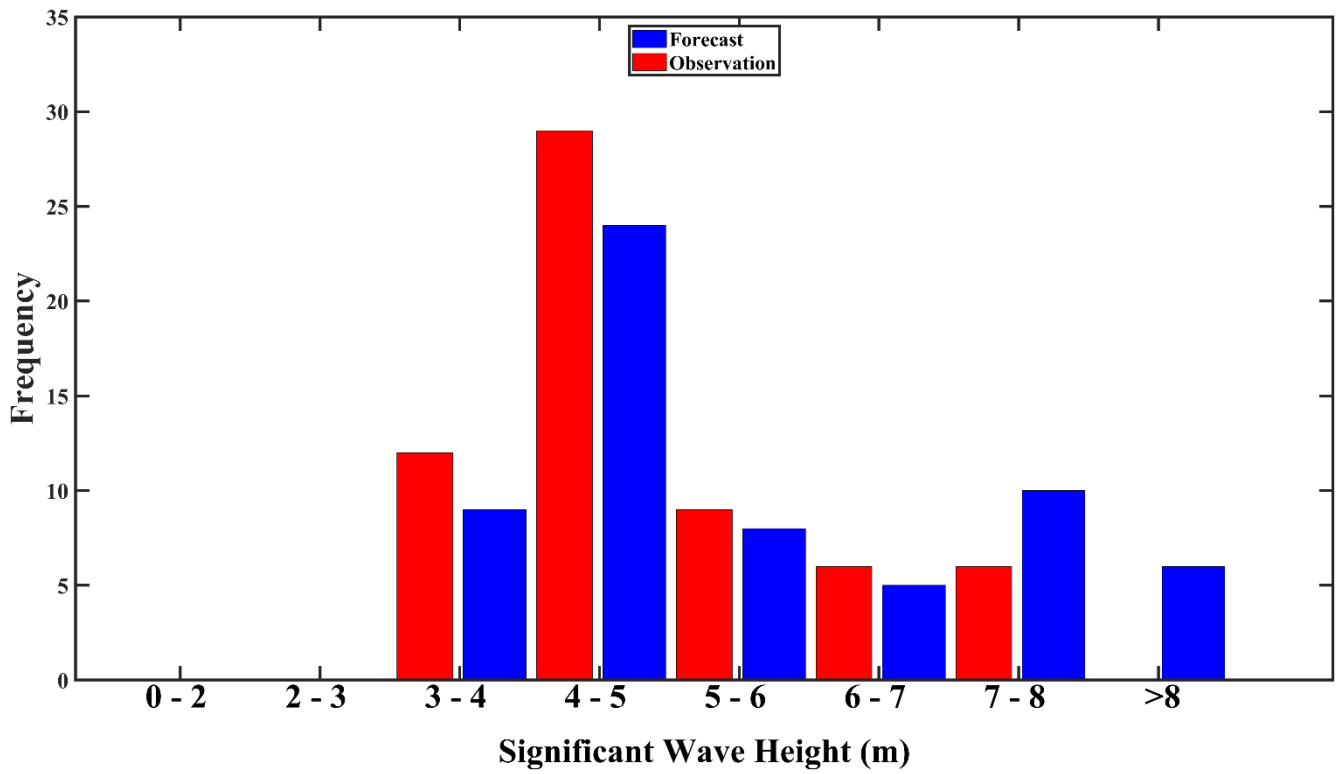
**Brandon J. Bethel et al.**

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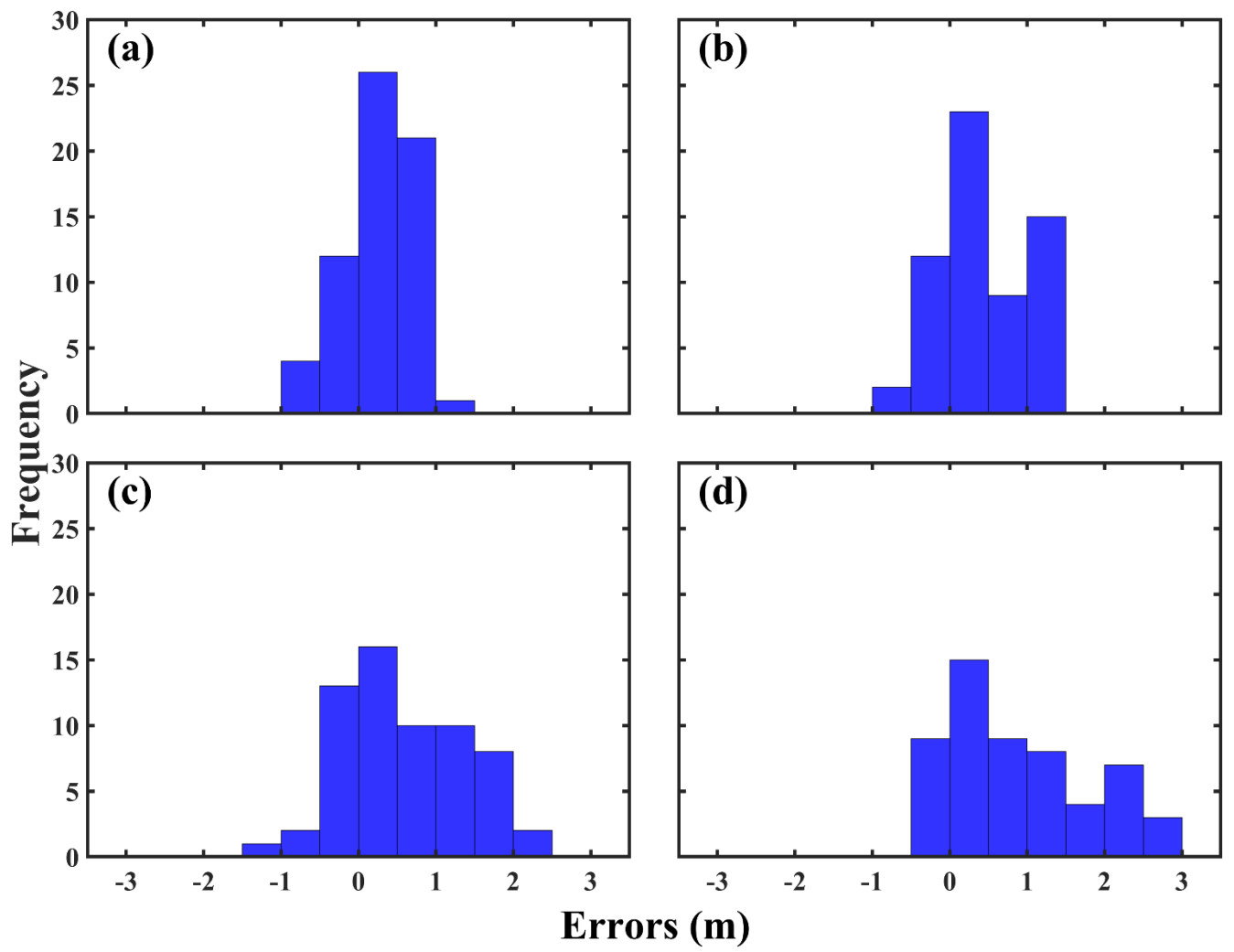
1

### Supporting Information



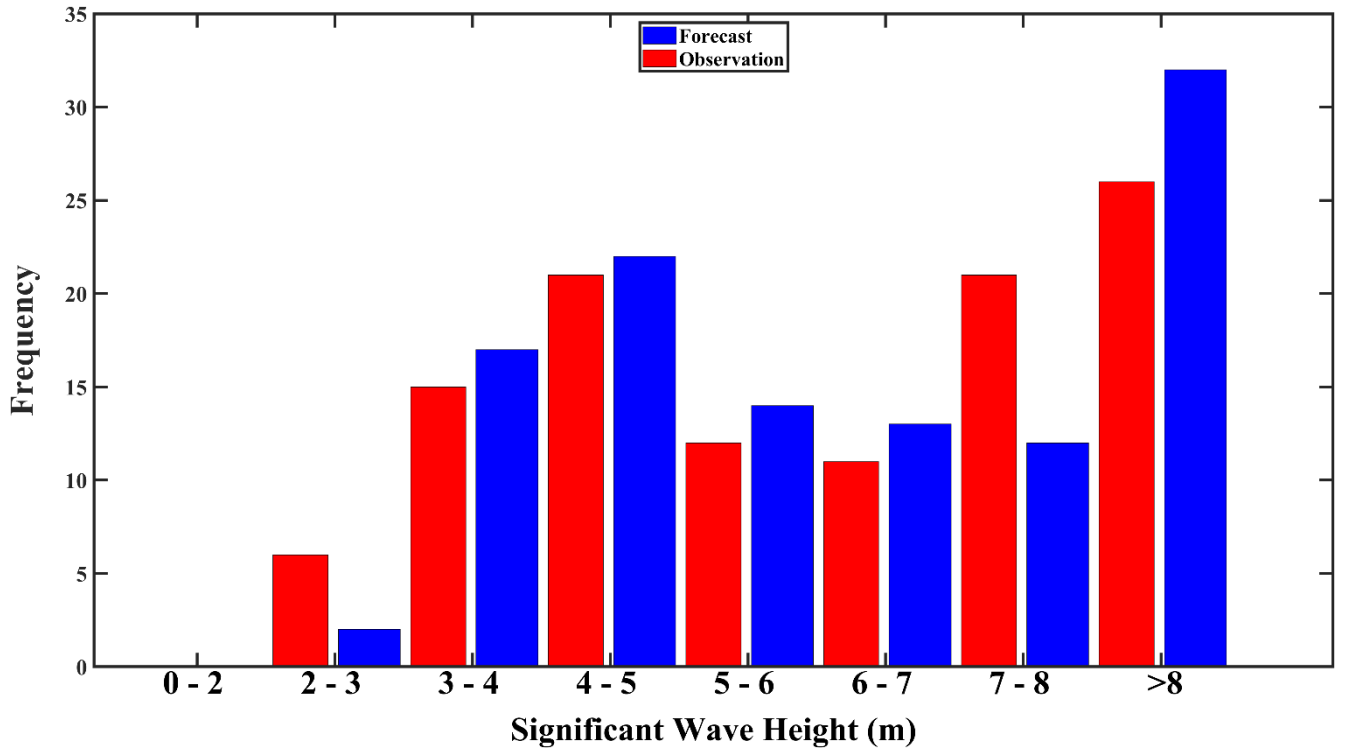
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3 **Figure S1. Histograms of Hurricane Dorian observed (blue) vs forecasted (red) SWH (m) at the 9-hour forecast horizon.**



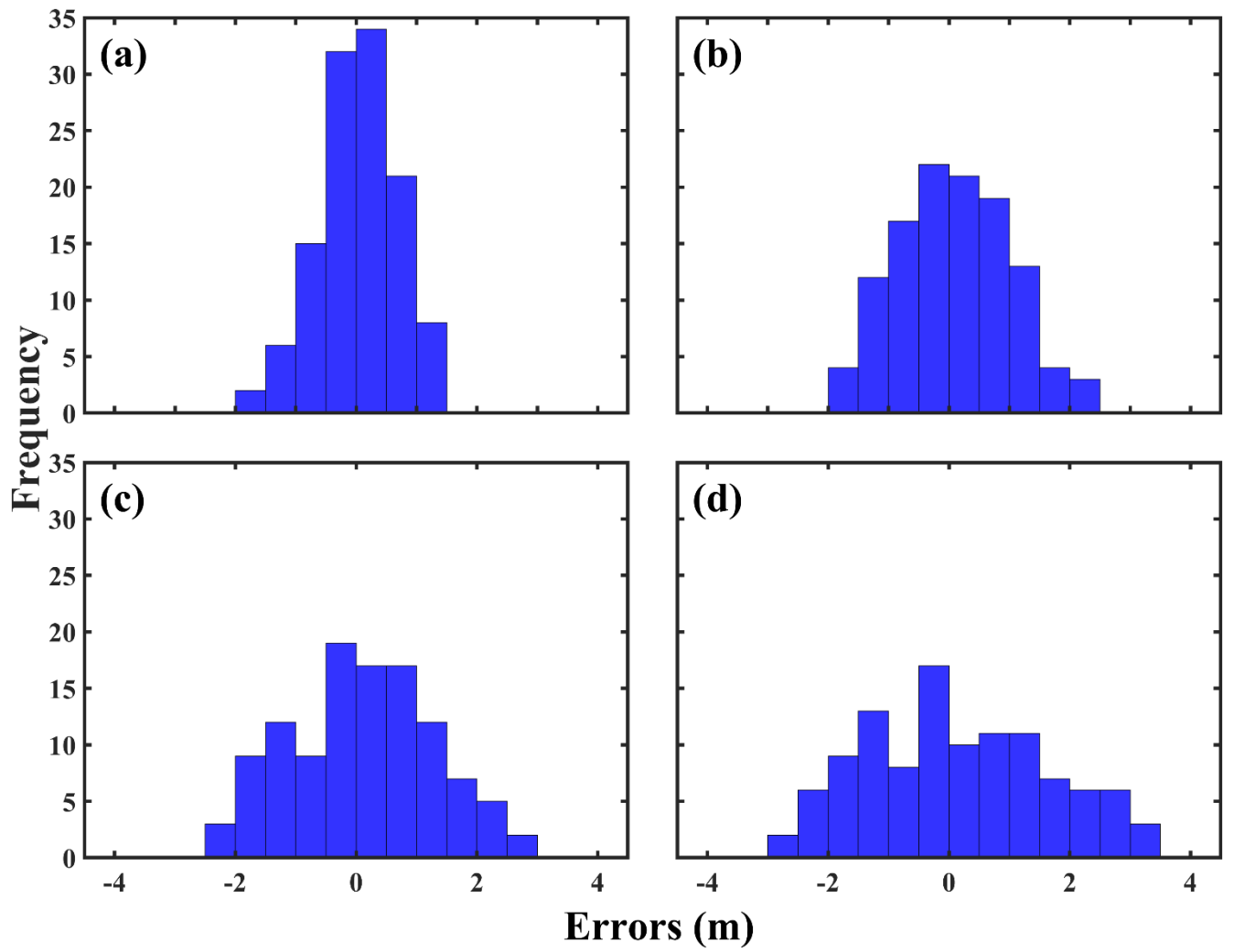
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5 Figure S2. Histograms of Hurricane Dorian forecast errors at the (a) 3-, (b) 6-, (c) 9-, and (d) 12-hour horizons.



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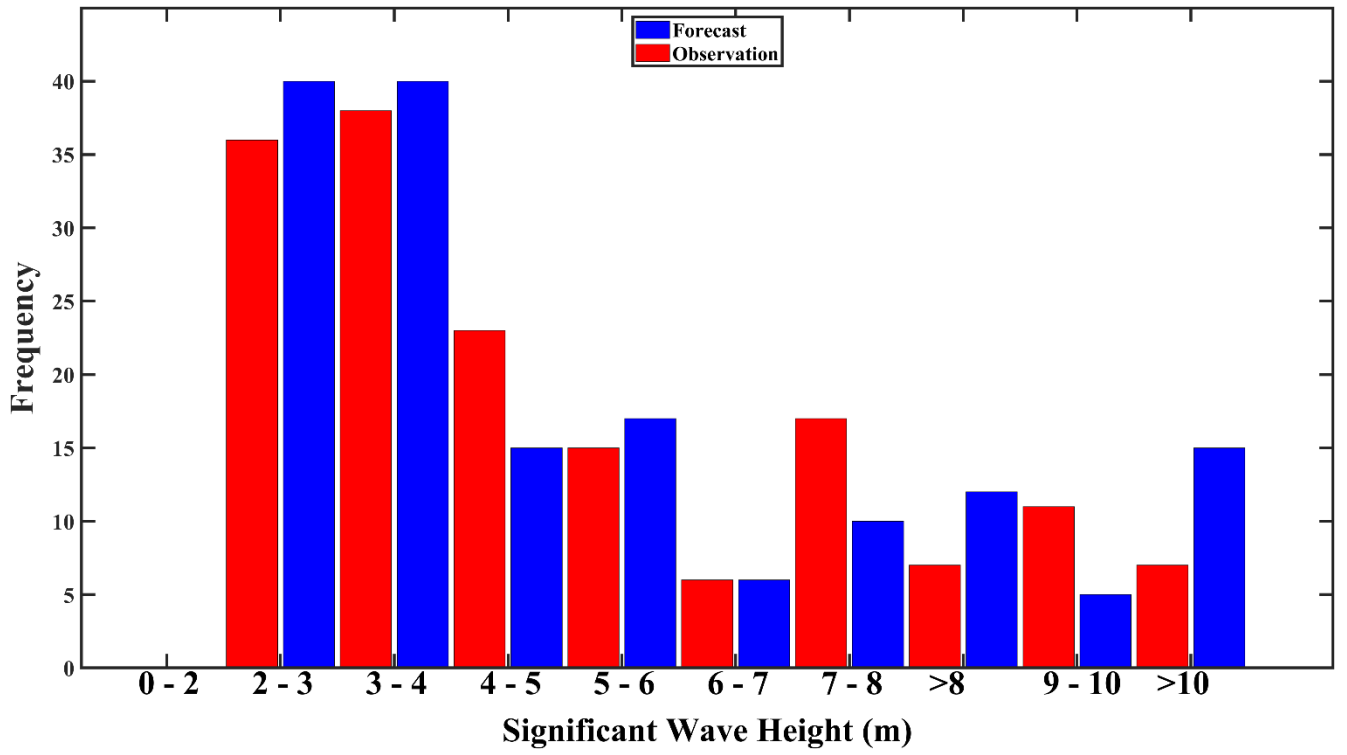
7 Figure S3. Same as Figure S1, but for Hurricane Sandy.



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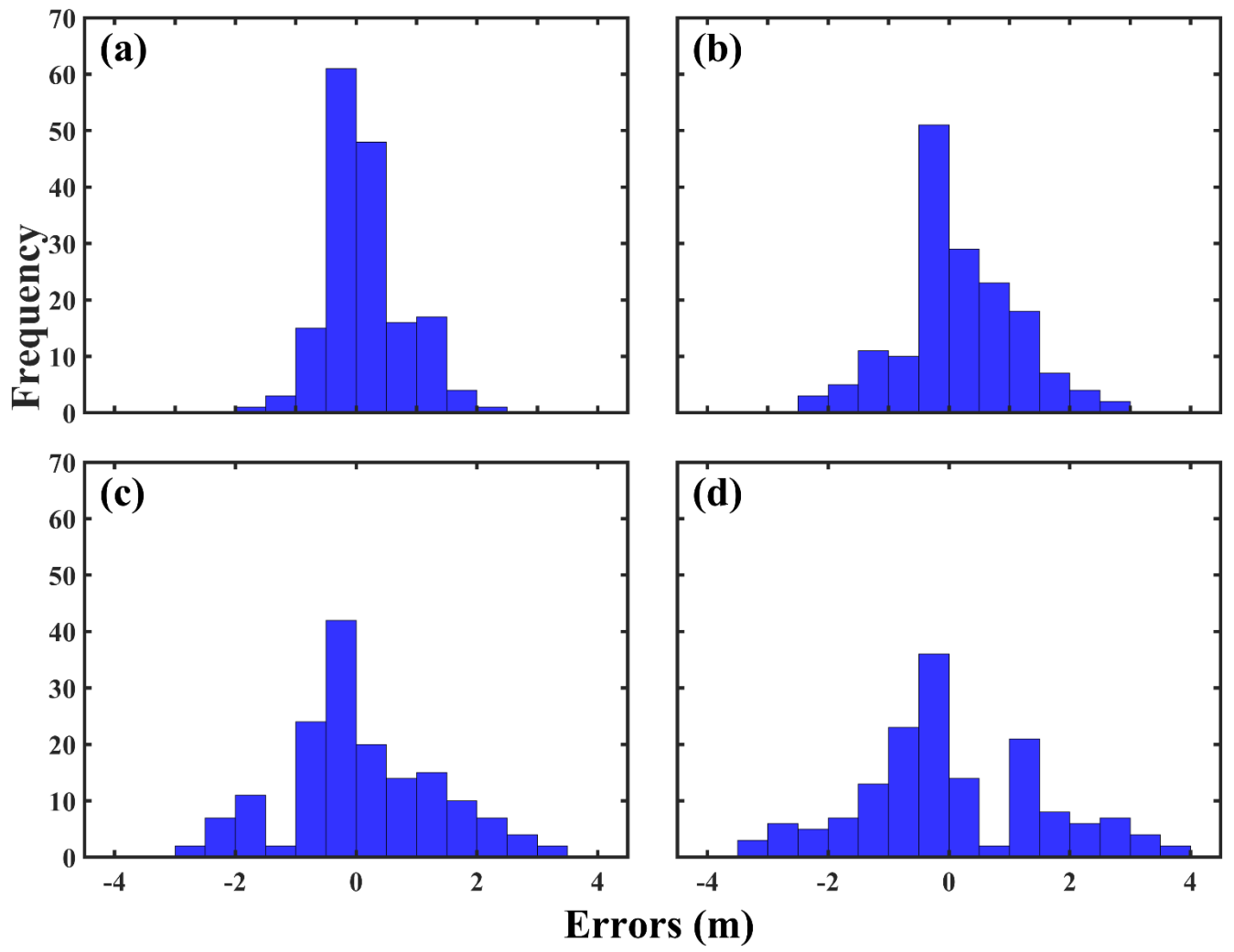
9 Figure S4. Same as Figure S2, but for Hurricane Sandy.

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12 Figure S5. Same as Figure S1, but for Hurricane Igor.



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14 Figure S6. Same as Figure S2, but for Hurricane Igor.