Supplementary Table 1: TCRM run parameters used to produce regional wind fields for each tropical cyclone.

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| --- | --- | --- |
| Run parameter | Value | Reference |
| Resolution | 0.02 degrees | (Yang et al. 2014) |
| profileType | Holland | (Holland 1980) |
| beta | 1.6 |  |
| windFieldType | Kepert | (Kepert 2001) |