**Data Dictionary for**

**“Three decades of heat stress exposure in Caribbean coral reefs: a new regional delineation to enhance conservation”**

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FILE: Daily\_ecoregional\_statistics\_of\_DHW.csv

The columns in this dataset represent some statistical descriptors of the observed DHW values in an ecoregion on a given day; these columns are described below:

1) The first column shows the ‘max’ variable that represents the maximum observed value of DHW in an ecoregion on a given day.

2) The second column shows the 'min’ variable representing the minimum observed value of DHW in an ecoregion on a given day.

3) From the third to the seventh column, they present some percentiles (50th, 25th, 75th, 10th, and 90th percentile) of the observed values of DHW in an ecoregion on a given day.

4) The eighth column shows the mean of the observed DHW values in an ecoregion on a given day.

5) The ninth column presents the standard deviation of the observed DHW values in an ecoregion on a given day.

6) The tenth column shows the date to which each of the statistical descriptors corresponds. Date in **year/month/day** format.

7) The eleventh column presents the ecoregion corresponding to each of the statistical descriptors.

We show the ecoregion abbreviations and number of pixels per day in each ecoregion (n): BHM = Bahamian (n = 7,653); EC = Eastern Caribbean (n = 2,021); FL = Floridian (n = 832); GA = Greater Antilles (n = 7,003); SC = Southern Caribbean (n = 1,622); SGoM = Southern Gulf of Mexico (n = 1,281); SWC = Southwestern Caribbean (n = 3,326); WC = Western Caribbean (n = 1,861); and wider Caribbean (n = 25,591).