

Dataset title: tc_dataset.mat

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File name structure: tc_RegionName

The dataset (.mat) contains three structures, one for each region (North Atlantic Ocean, tc_nao; Northeast Pacific Ocean, tc_nepo), and one with both regions combined (tc_both). Complete list of attributes and variables within each structure as follows:

Attributes and variables: Structures providing the tropical cyclone (TC)-related information for each lead-time (from 8 to 56 hours)

area = TC area

diffT = Temperature difference between the inner and the outer part of the TC cloud

eccentricity = TC eccentricity

circularity = TC circularity

class = Final class (Tropical Storm = 0; Major Hurricane = 345)