Track a Tropical Storm!

This exercise uses the <https://earth.nullschool.net/> website to track a North Atlantic tropical storm.

Firstly, use the Wikipedia overview documents e.g. <https://en.wikipedia.org/wiki/2021_Atlantic_hurricane_season> (edit the year in the link to see other years) to pick a tropical storm to study.

Storm Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Storm start date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Storm category \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Now, go to <https://earth.nullschool.net/> and click on the ‘earth’ text at the bottom left of the screen. Click on the little calendar icon to select the date when your Tropical storm started.

A picture containing graphical user interface

Description automatically generated

Identify your tropical storm on the map. Click in the centre of it to reveal its latitude and longitude:

A picture containing map

Description automatically generated

Record the data and coordinates in a table, then use the calendar to advance the date. For each day, record the location of the tropical storm:

|  |  |  |
| --- | --- | --- |
| Date | Latitude | Longitude |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Now plot the course your tropical cyclone took on one of the maps below:



