RSTs project TODO list 08/11/2017

1. ~~Search a beginning for the RST in the first (3) rows.~~
2. ~~Search for more than one RST.~~
3. ~~Separate the colors in the colormap at 0.~~
4. ~~Calculate Geostrophic Vorticity before interpolation, and only then interpolate it.~~
5. Allow searching in a different distance from the current RST point (may not be needed)
6. ~~Change the algorithm to look for the highest value in the neighboring points (except for southern point, which means 5 points and not all 8).~~
7. ~~Check how ERA produces the 2.5 resolution. Download sample 2.5 data.~~
8. ~~Add the data source and resolution to the map title.~~
9. Check if the RST enters the square. If it is, decide whether it is Eastern, Western or Central, according to its location in the square.
10. ~~Add a flag that clears previous maps. Open all the wanted maps when clicking the next day.~~
11. ~~Check in method 1 if the SLP value increases between points to avoid crossing saddles.~~