\*\*\*Test cases and their prediction to check the Model’s performance in the user’s environment

\*\*For open ocean

|  |  |
| --- | --- |
| Input parameters (Wind speed ,Chla, | Predictions ( |
| [4,0.1,74,0.4,0.9,1,400] | [1.3082751e+02, 4.0552534e-02, 3.9834082e-01] |
| [8,2,30,0.3,0.95,1.3,350] | [1.3257466e+03, 2.4190046e-01, 2.0054483e-01] |
| [2,10,55,0.1,0.97,0.5,380] | [1.0655000e+03, 4.9292520e-01, 3.7158072e-01] |

\*\*For coastal waters

|  |  |
| --- | --- |
| Input parameters (Wind speed ,Chla, | Predictions ( |
| [4,0.1,74,0.4,0.9,1,400,0.05,0.25,0.075] | [ 1.4436867e+02, -4.0723542e-03, 1.7823621e+00] |
| [8,2,30,0.3,0.95,1.3,350,0.01,1.1,0.1] | [1.3895797e+03, 2.4155480e-01, 2.3116295e+00] |
| [2,10,55,0.1,0.97,0.5,380,0.03,0.6,0.5] | [8.3044104e+02, 7.6482791e-01, 3.2773843e+00] |