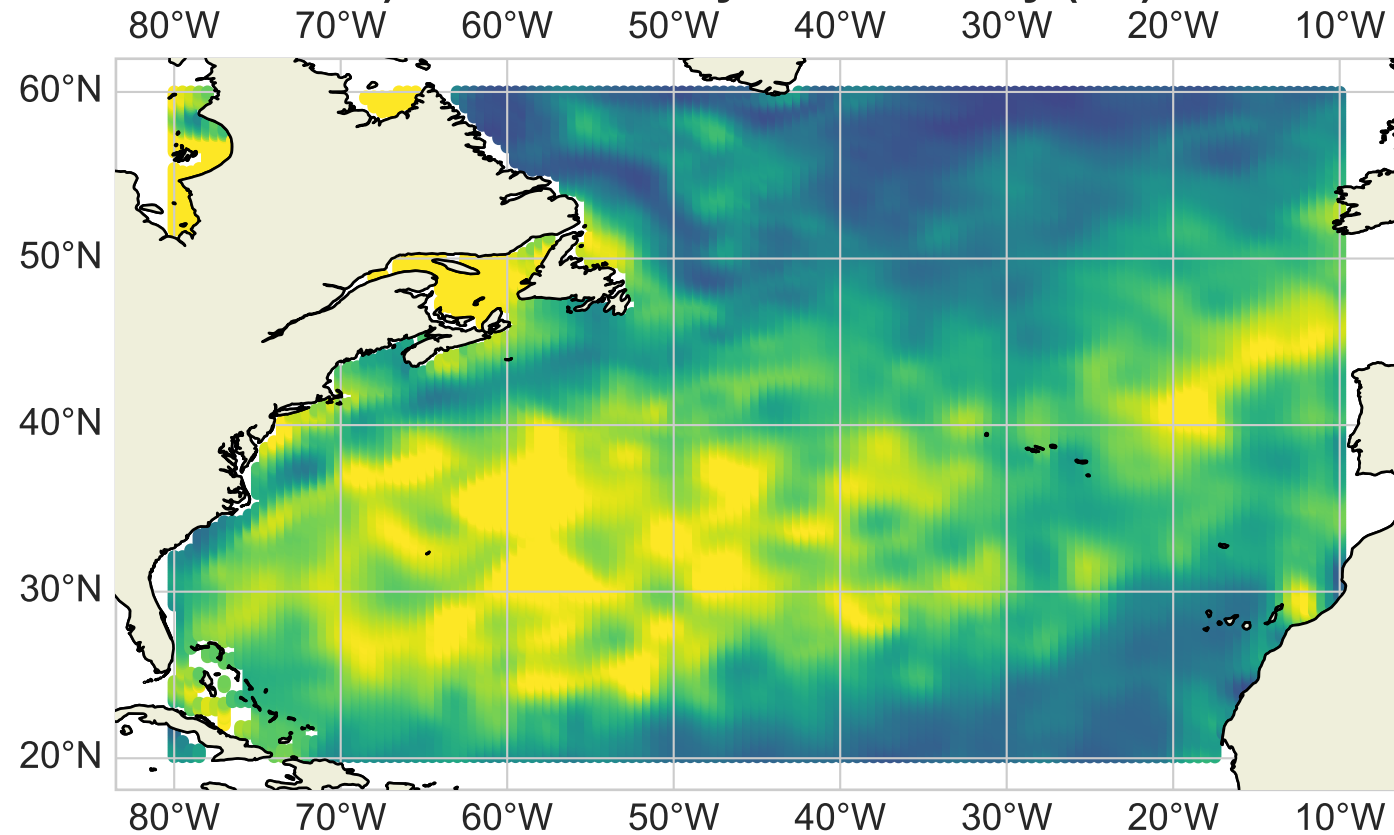


**a) Estimated Physical Stability ( $\lambda_{est}$ )**



0.0

0.1

0.2

0.3

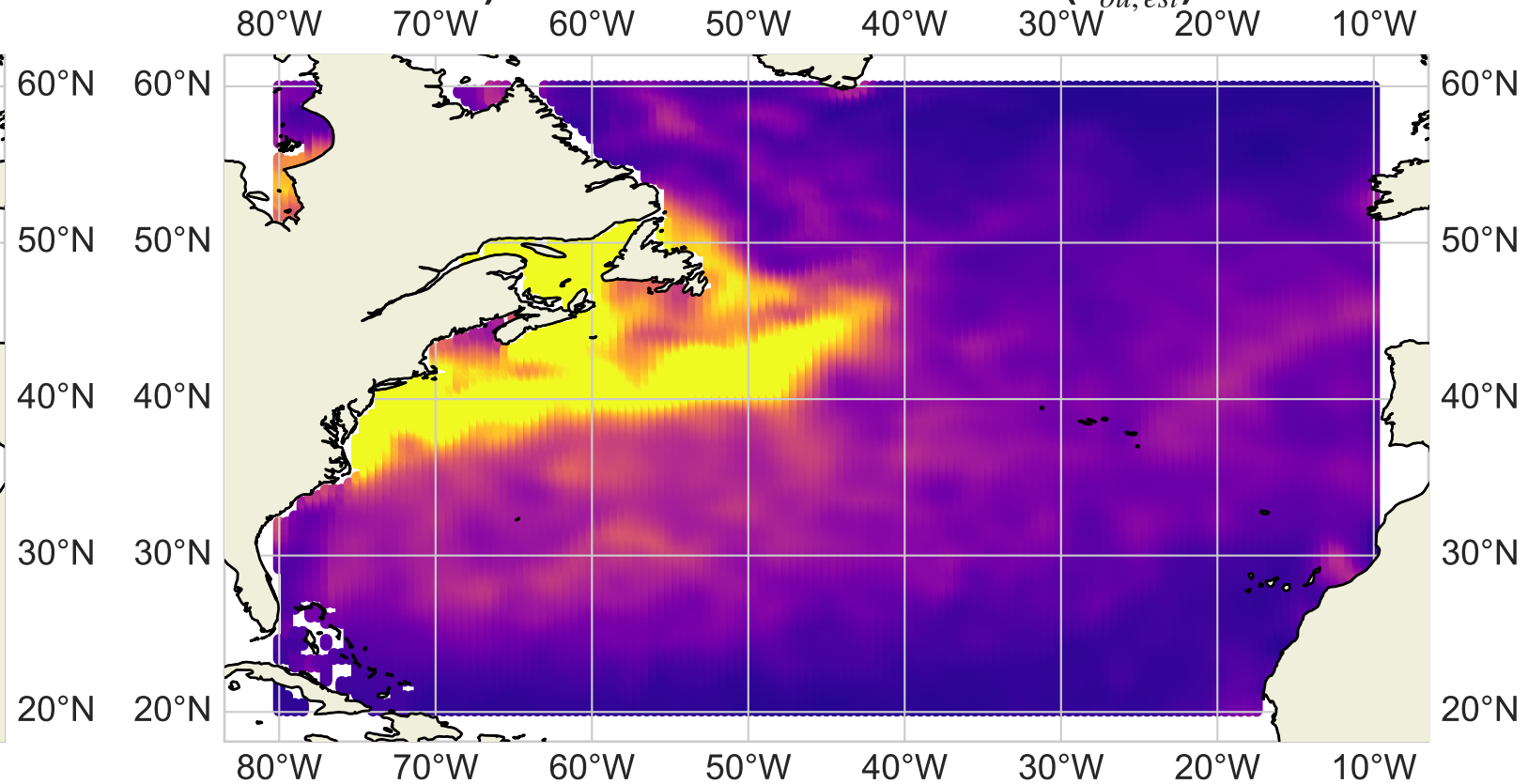
0.4

0.5

0.6

**Stability (Higher = More Stable)**

**b) Estimated Process Noise ( $\sigma_{ou,est}^2$ )**



0.000

0.025

0.050

0.075

0.100

0.125

0.150

0.175

**Noise Variance (Higher = Noisier Process)**