

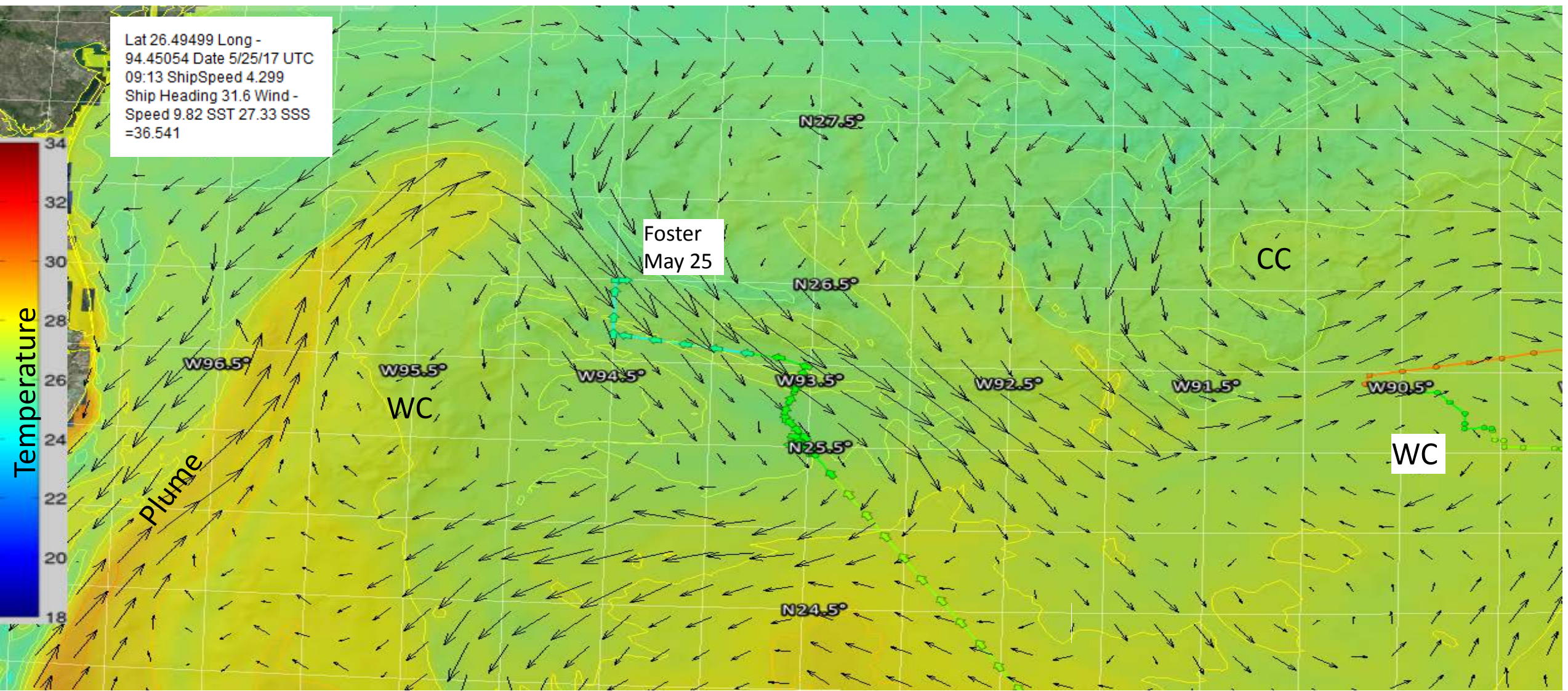


Real-time monitoring
THE UNIVERSITY OF
SOUTHERN
MISSISSIPPI

May 25, 2017 Foster Cruise track

NOWCAST

Sea Surface Temperature – Currents for May 24, 2017



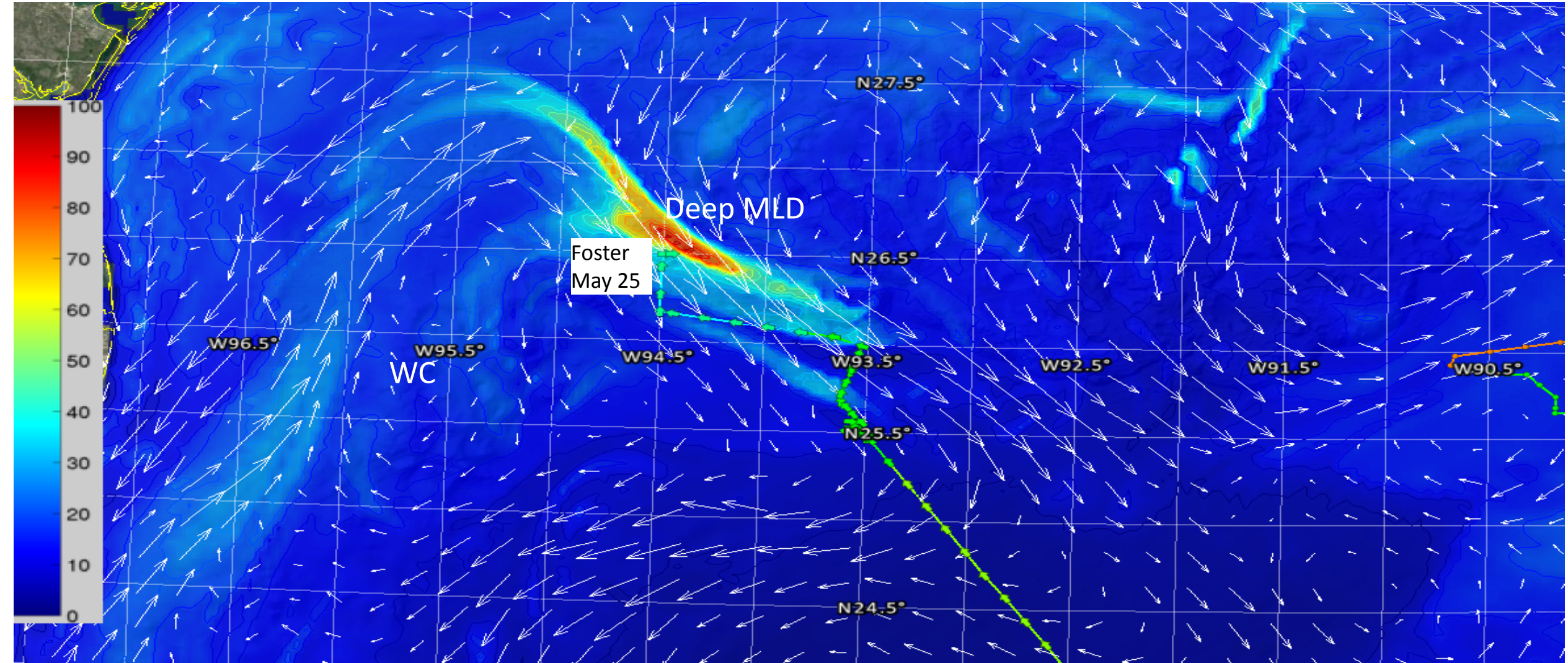
Foster Cruise May 25 , 2017

Mixed Layer Depth

Station in Deep Mixed Layer –

NOWCAST

Mixed layer Depth May 24



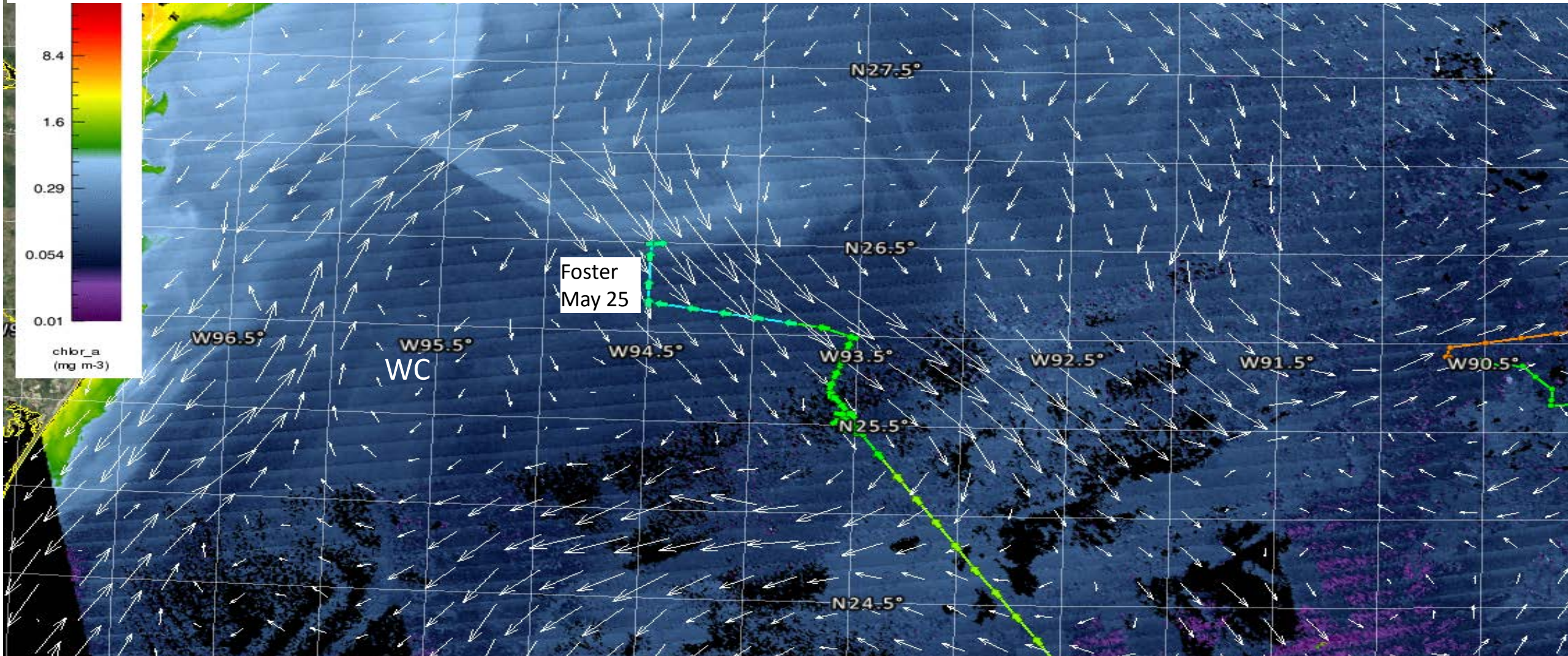
Foster Cruise May 25 , 2017

Chlorophyll

Station in slightly Higher Chlorophyll –

NOWCAST

Chlorophyll May 24

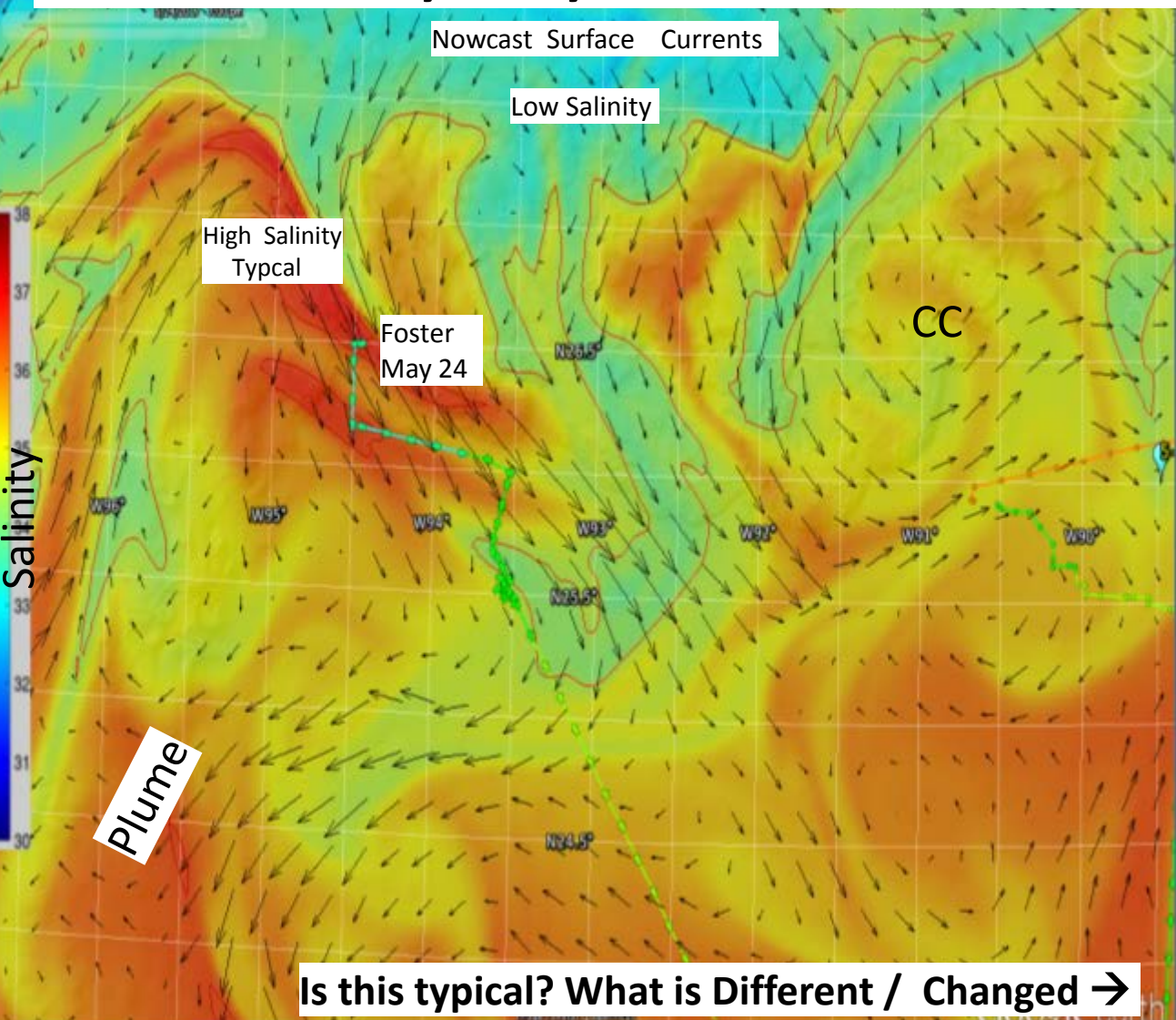


Foster Cruise May 25 , 2017

Salinity

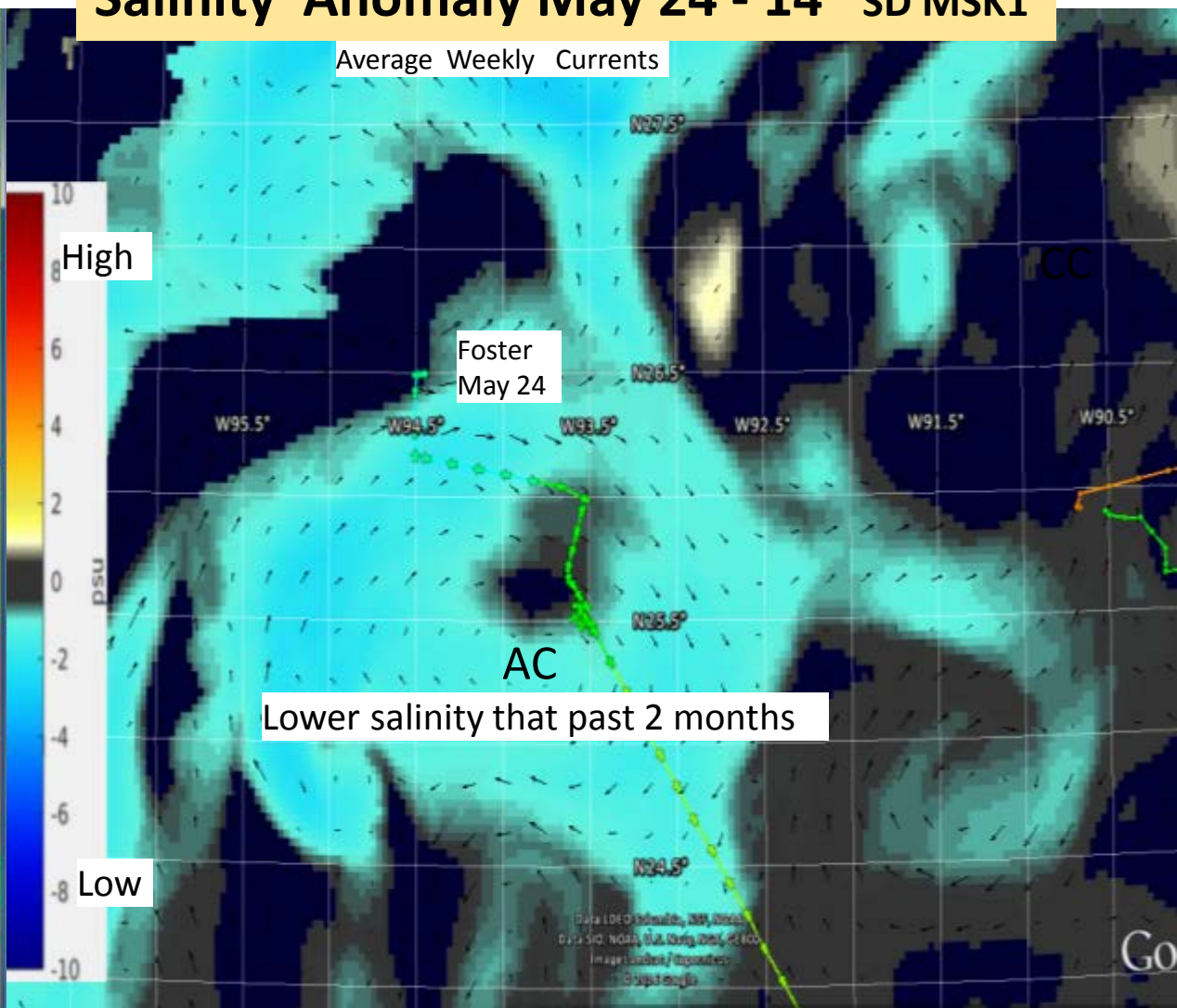
NOWCAST

Surface Salinity May 24



- 1- Stations in Higher Salinity 36.5
- 2- Changing SALINITY - Lower than last 2 months
- 3- Weekly Currents shows AC eddy to south

Salinity Anomaly May 24 - 14 SD MSK1



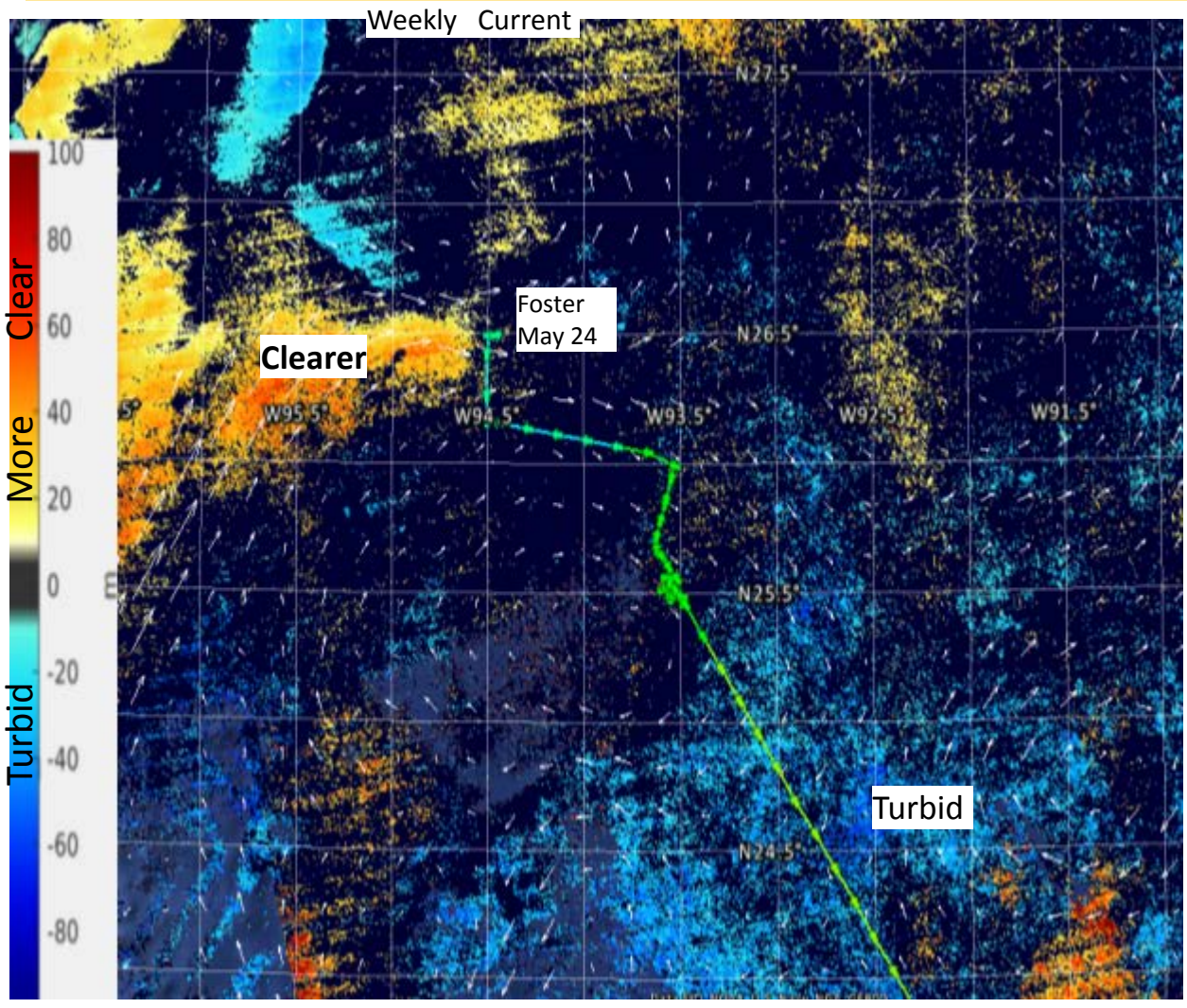
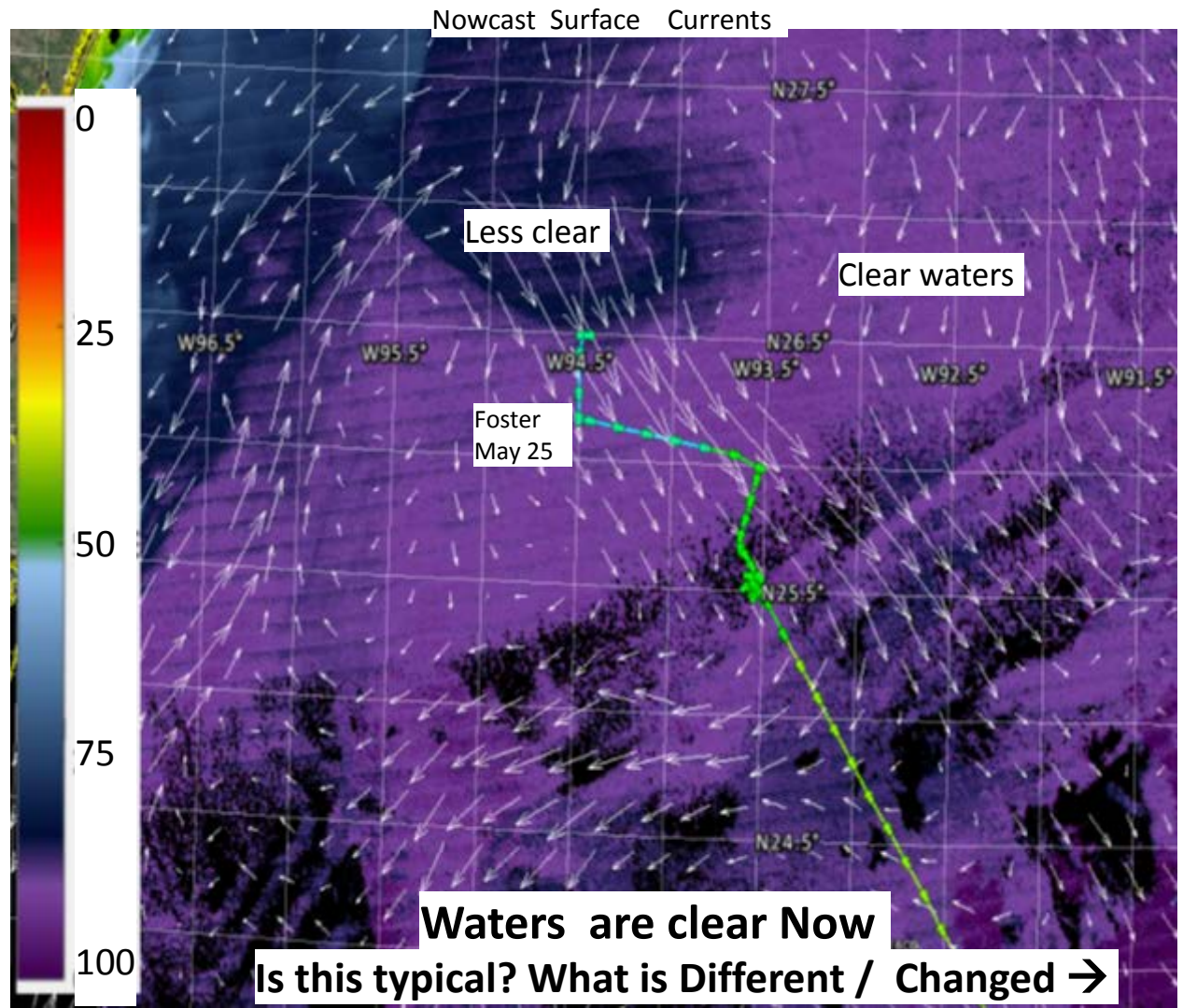
May 25, 2017 Foster Cruise track Water Clarity

NOWCAST

Station on border of clearer water . -
Has changed in different regions
Patches of more **Clearer (red)** & **Turbid (blue)**

Water Clarity May 24 – Penetration depth

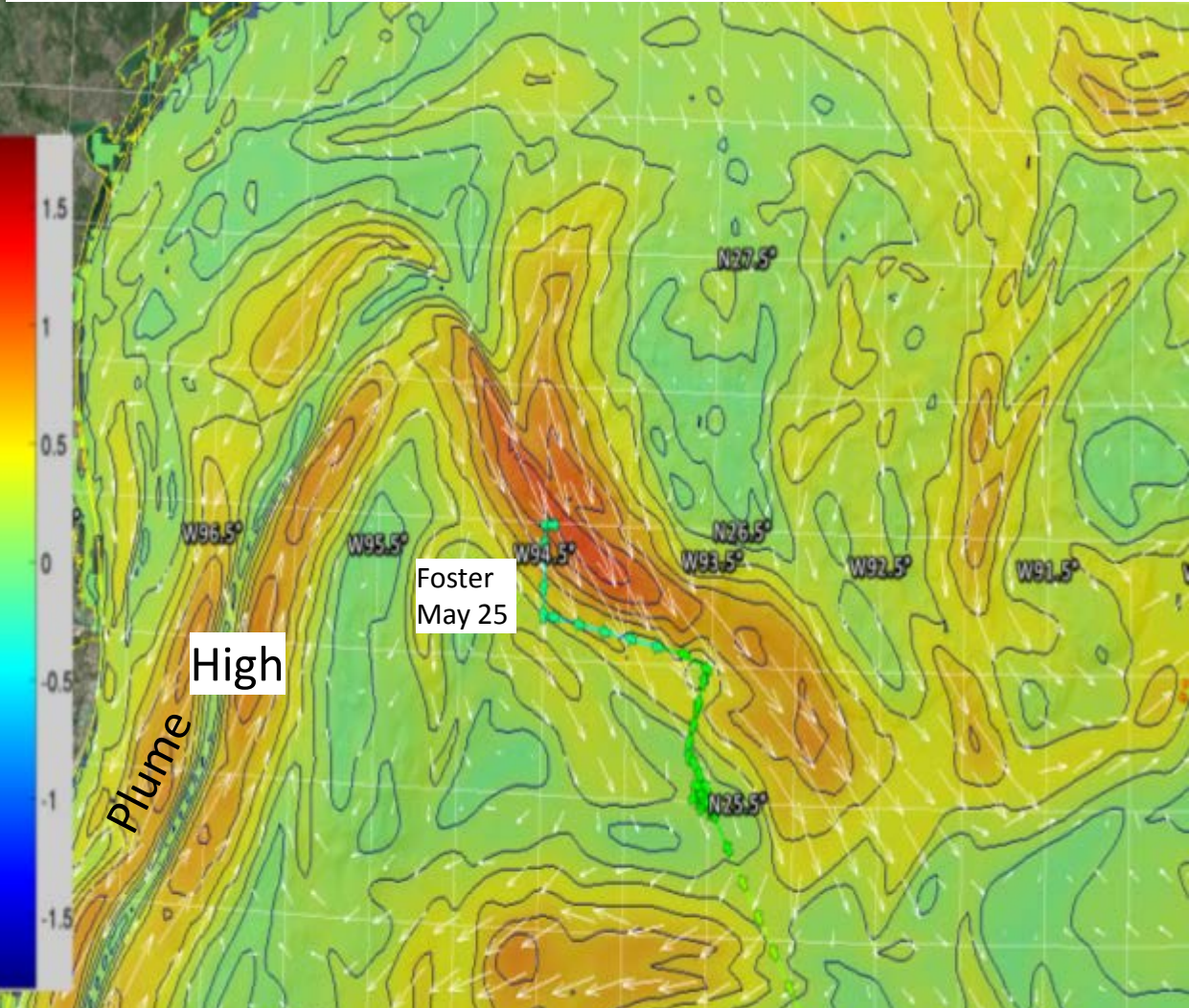
Water Clarity Anomaly May 24 – 14 SD MSK1



May 25, 2017 Foster Cruise track Currents

NOWCAST

Surface Current Magnitude May 24



Is this typical? What is Different / Changed →

Station in Abnormal Higher currents
Anomaly Currents - in last 2 month

Current Anomaly May 24-14 SD MSK1

