Analysis

SW Florida:

Chlorophyll imagery suggests that the K. brevis bloom at Sarasota has extended southward to Venice. Persistent northerly winds since May 25 are responsible for soutward transport of the bloom. Chlorophyll concentrations remain above 3 ug/L in the area. The state reports higher than normal cell counts in Manatee and Sarasota counties.

An offshore flag, which could contain K. brevis, is observed off Sanibel and extends offshore from 92d23’W 26d30’N to 82d4’W 26d8’N. Although onshore cell counts indicate that K. brevis is not present, this area should be monitored as predicted southerly winds could cause northward transport towards Sanibel.

An offshore flag is also observed 10-20 km west of Cape Romano and should be monitored as it may contain K. brevis cells.

-Tomlinson

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Southwesterly winds are expected to turn southerly by this evening. Southerly winds are predicted to continue through Tuesday night and turn southeasterly by Wednesday.