Analysis

SW Florida: The K. brevis bloom from Venice to Ft. Meyers seems to have intensified and extends 10-15 km offshore. Cell counts from March 26-28 confirm medium to high counts from Sarasota to Naples. In addition, imagery indicates that the K. brevis bloom from Marco Island southward now extends approximately 25 km offshore. Chlorophyll has reached 7 ug/l in both areas. There is a possibility of very slight northward transport over the next few days.

Florida Keys: Imagery indicates a large flagged region 10km off the northern shore of the Keys, extending from Big Pine Key to about 20km west of the Marquesas Keys. Chlorophyll above 2 ug/l is observed. This is due to a large resuspension event, as a result of persistent strong north to northwesterly winds at the end of March.

-Tomlinson

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Southeast winds are predicted to dominate until Sunday, which should minimize K. brevis effects at the coast. A landward breeze is possible at the coast in the afternoon on Thursday, Friday and Saturday, however, the onshore transport of aerosols is unlikely.