Analysis

Texas:

Imagery indicates the possibility of a K. brevis bloom along the coast outside Laguna Madre into Mexico (97d11’W 26d33’N to 97d9’W 25d32’N) and to the north from San Antonio Bay (95d37’W 28d39’N) to just north of Matagorda Bay (96d30’W 28d7’N). Chlorophyll levels have reached above 3 ug/L in some areas.

Since southwesterly winds would most likely transport aerosols and dead fish to the Matagorda region, and no complaints have been reported, the northernmost flag may represent a bloom of something other than K. brevis. However, upwelling favorable winds have been observed since July 17 in the Laguna Madre area. Although little is known about the transport of blooms to the coast of Texas, the potential for upwelling induced transport warrants monitoring of this area.

-Tomlinson

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