Analysis

NW Florida: Imagery indicates that the bloom in the St. George’s and St. Joseph Bay areas may have dissipated. Forecasted winds indicate westward transport through this evening.

SW Florida: Imagery indicates a possible K. brevis bloom south of Tampa Bay (82d48’ W, 27d23’ N) to Venice (82d23’ W, 27d5’ N). Chlorophyll levels have reached above 4 ug/L in this area. A week of relaxed winds, followed by upwelling favorable winds since Nov 28, are conducive to the development and transport of a K. brevis bloom to the coast. If so, northeasterly winds could intensify the bloom through this evening, however, impacts would not be observed onshore. In the event that this is K. brevis, impacts at the coast would intensify by Friday, as a result of northwesterly winds.

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In SW Florida, Northeasterly winds are expected to become more easterly by tonight. By Friday, winds are expected to shift and become northwesterly.
Wind conditions from Tyndall AFB Tower C