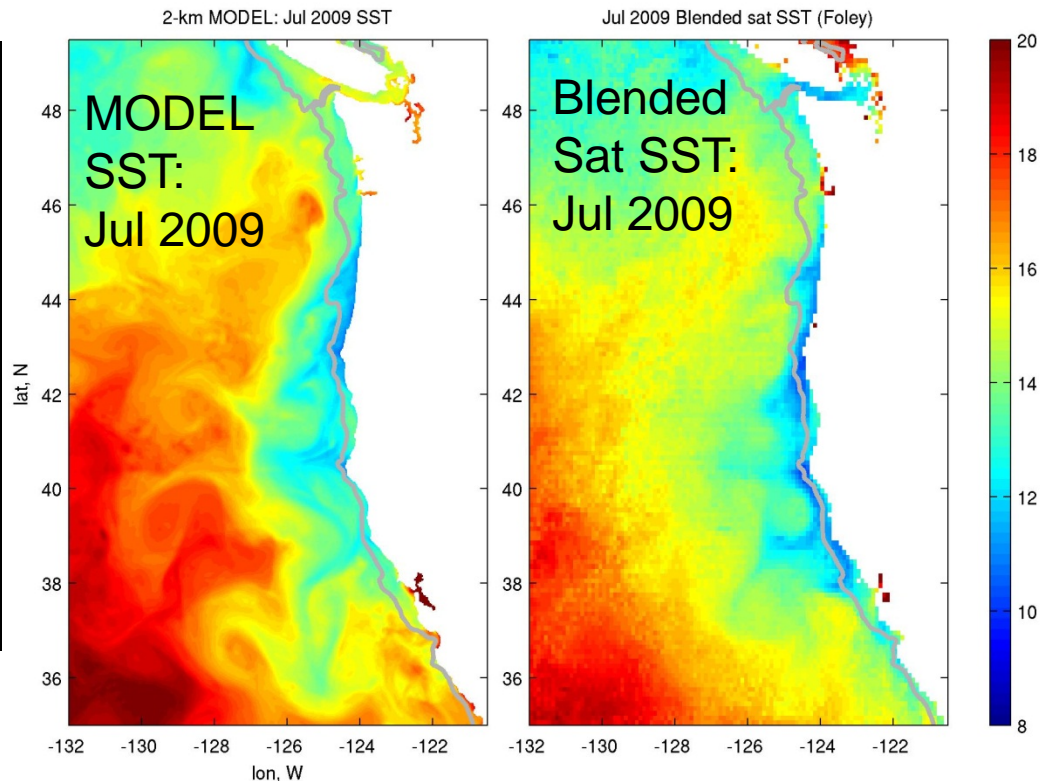




Nowcasts and Forecasts of Coastal Ocean Conditions along US West Coast

A 2-km resolution regional ocean circulation model of the entire upwelling system off the US West Coast has been developed (*courtesy P. Fayman, OSU*). Without assimilation, it reproduces SST qualitatively correctly. Assimilation will be needed to further improve the quality of predictions.



Development of a new high-resolution model is a step toward extending our capabilities to forecast ocean conditions along the US West Coast.

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(Courtesy of A. Kurapov)

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