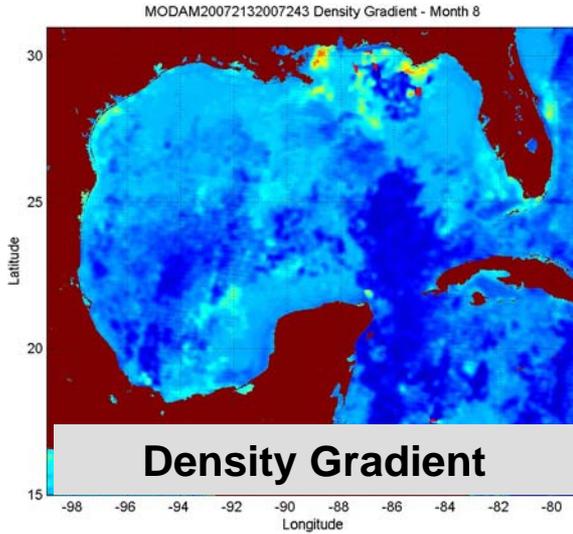




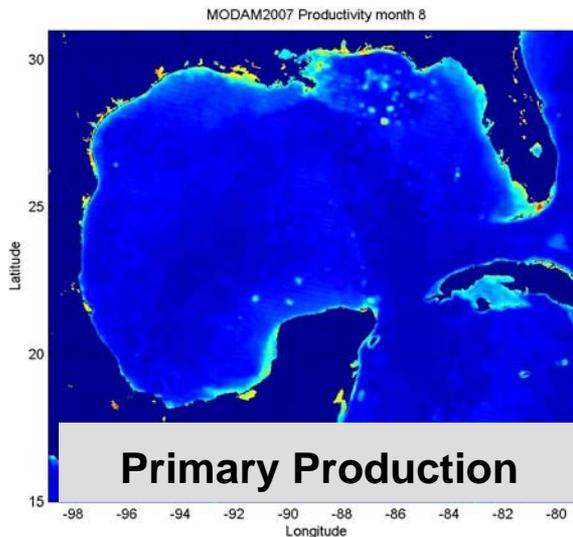
Hypoxia Probability Map



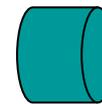
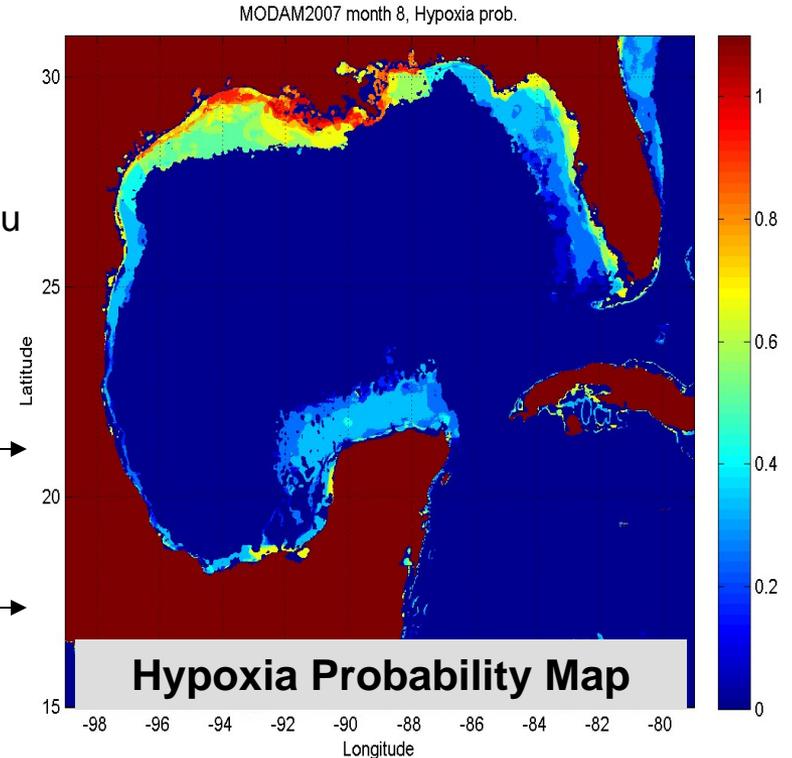
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MODIS-derived Sea Surface Temperature and Sea Surface Salinity & Mean In Situ Bottom Temperature and Salinity for Monthly Density Gradient Calculation



Primary Production (Eppley et al., 1985)¹ Derived from MODIS OC3 [Chlorophyll a] Processed by NRL APS



Total nitrogen discharge obtained from USGS monitoring station at Mississippi River

¹Eppley, R.W., E. Stewart, M.R. Abbott, and U. Heyman. 1985. Estimating ocean primary production from satellite chlorophyll. Introduction to regional differences and statistics for the southern California Bight. *Journal of Plankton Research* 7:57-70