



Fig. 4. (Top) Time series of the dawn-to-dusk increase in oxygen concentration (ΔO_2) at 2 m and 10 m, and the attenuation coefficient of photosynthetically available radiation k_{PAR} as measured on the central mooring. The record from the surface oxygen sensor (black line) is considered suspect from December to February, and is not shown here. (Bottom) Time-depth section of chlorophyll fluorescence measured at the central Woods Hole Oceanographic Institution mooring. The white dashed lines enclose times and depths where the moored fluorometers were subject to fouling. The data during these times have been augmented by shipboard observations.