



Figure 5. Coastal Mixing & Optics (a) hourly averaged time series of beam attenuation coefficient at nine wavelengths as recorded by the bottom-mounted (68 m) ac-9 ("E" and "H" represent the times when Hurricanes Edouard and Hortense were closest to the CMO site); (b) time series of 30 m partitioned phytoplankton spectral absorption; (c) chlorophyll a concentration derived from the fluorometer (arrows indicate the phytoplankton bloom associated with the salinity intrusion); and (d) normalized (to 676 nm) partitioned 30 m phytoplankton absorption spectra on 26 August 1996 during a phytoplankton bloom and on 22 July 1996 during non-bloom conditions. See Figure 4 caption for year day convention.