



**Figure 9-5b.** Spatial distribution of the relative importance of diurnal (23-25-hr) and semidiurnal (11-13-hr) temperature fluctuations along the main mooring line. Attention is on the spatial pattern, rather than the absolute values, which depend on the width of the spectral band. Top left panel shows the strength of the diurnal peak, top right panel shows the strength of the semidiurnal peak, and bottom panel is the ratio of diurnal to semidiurnal—showing the importance of diurnal fluctuations in the upper 10 m and nearshore.