



Figure 6.3. Mean surface wave height (left) as a function of wind direction for winds greater than 10 m/s (20 knots) and percentage of bottom wave orbital current greater than 10 cm/s at 30 m water depth as a function of wind direction (right). The wind blows toward the direction indicated. Wave data obtained at NOAA Buoy 44013 in Massachusetts Bay (see figure 4.1 for location). The largest near-bottom wave currents are associated with winds from the north and northeast (blowing toward the south and southwest).