

Conceptual Model of Tidal Period Cross-Shelf Circulation

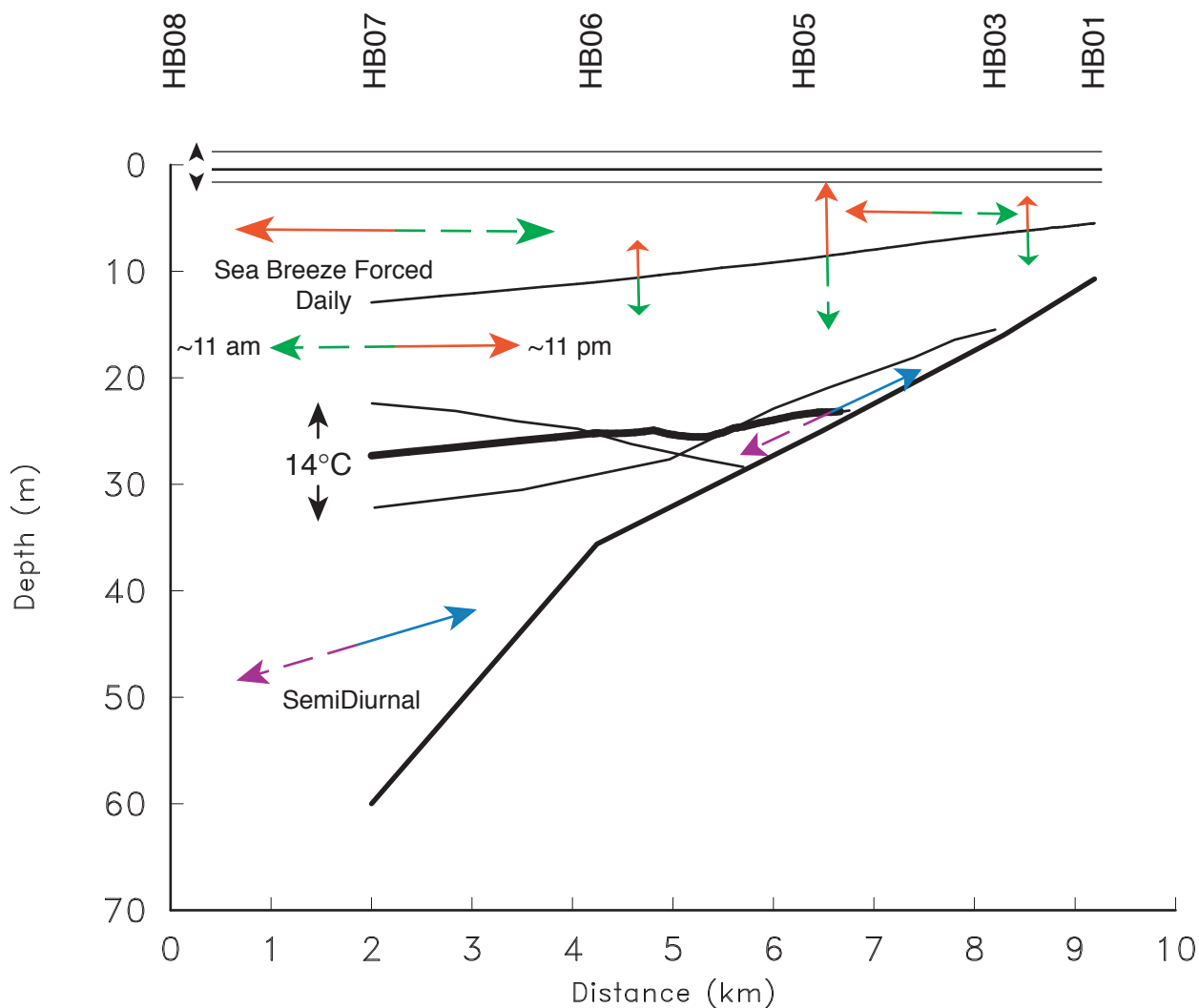


Figure 7-11. Conceptual model of the cross-shelf current and temperature fluctuations caused by the sea breeze and semidiurnal tide. Solid and dashed arrows represent maximum velocities a half-cycle apart. Red and green, and blue and purple arrows, are 24- and 12.42-hour oscillations, respectively.