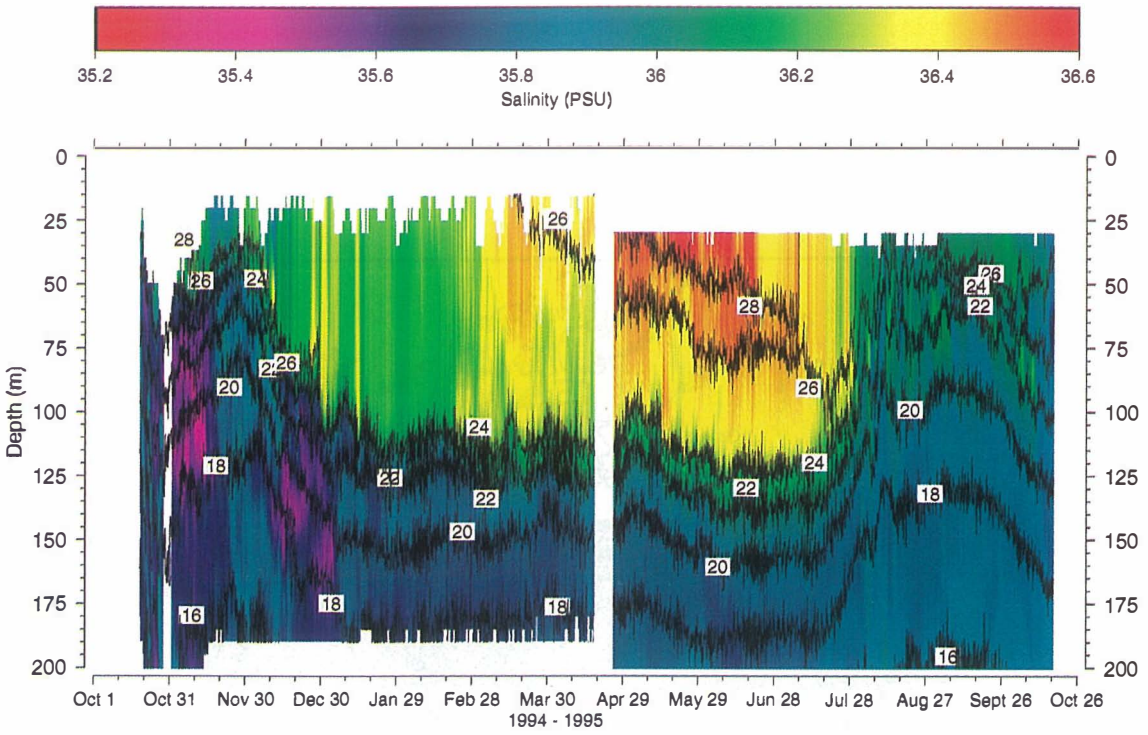

Fig. 1. Time-depth sections of temperature and salinity as measured on the University of Washington southern mooring in the Arabian Sea, from profiles every 4 hours with 5-m depth resolution. Salinity is indicated by color; temperature is contoured at intervals of 2°C.

Page 117

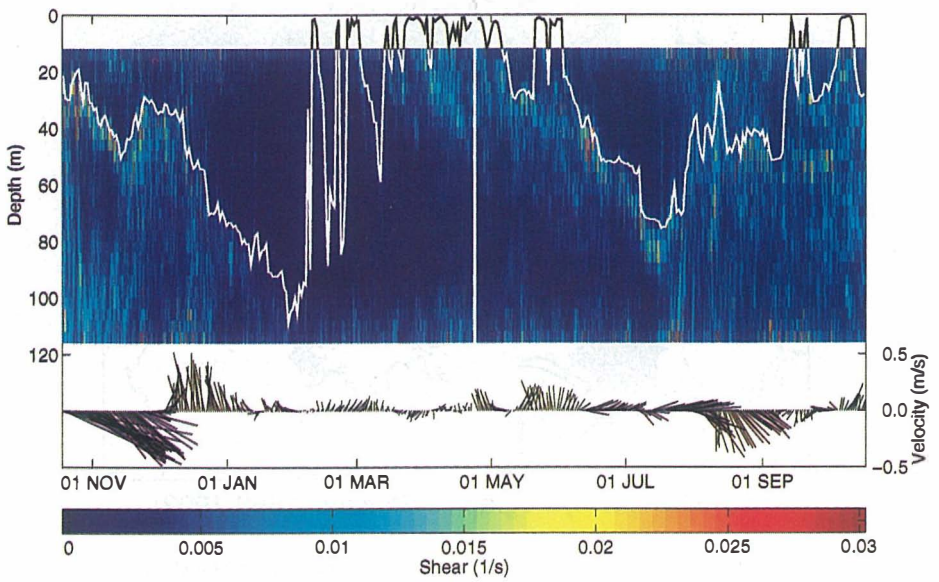

Fig. 3. A time-depth section of shear, a time series of mixed-layer depth, and a velocity stick plot as measured on the southern Scripps Institution of Oceanography mooring. The 4-hour average shear magnitude is plotted as a color image, with a vertical resolution of 4 m. The mixed-layer depth (black and white line) is defined by a 0.1°C difference from the surface. Daily averaged velocity at 20-m depth is represented by sticks with upward being to the north. Note the region of high shear beneath the relatively unsheared mixed layer. The velocity has temporal variability unrelated to the local wind.

Page 121