

DR. F. EVANS

Tidal stream range (the distance between two successive slack waters with the wind current subtracted) varied from about 1.5 miles at neaps to about 4 miles at springs. It was 0.1 miles less at 6 fathoms than at 2 and 0.2 miles less again at 3 fathoms above the bottom.

The results may be used to determine or, using a weather forecast, to predict the movement of plankton along the Northumberland coast for a few days together with an estimate of the probable error in the determination.